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Natural Gas Monthly
August 2002

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
Publications		
Weekly Natural Gas Storage Report	HTML	Weekly natural gas stocks and implied net changes by three regions and U.S. total
Natural Gas Weekly Update	HTML	Analysis of current price, supply and storage data
Natural Gas Monthly	PDF	Monthly supply, disposition, and price data
Natural Gas Annual	PDF	Annual supply, disposition, and price data
Historical Natural Gas Annual	PDF	Historical annual supply, disposition, and price data from 1930 - 1999
U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves	PDF	Proved reserves in the United States
Oil and Gas Field Code Master List	PDF	Listing of U.S. oil and gas field names
Databases		
Monthly Data	TXT	Tables 1-6, and 9 from the *Natural Gas Monthly*
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the *Natural Gas Annual*
Historical Annual Data	TXT	Tables from the *Historical Natural Gas Annual*
Applications		
EIA-176 Query System	EXE	Company filings of the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

Preface

The *Natural Gas Monthly (NGM)* is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the *NGM* may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The *NGM* highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the *NGM* features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the *NGM* is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
Btu	British thermal unit	MMcf	Million cubic feet
DOE	U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	STIFS	Short-Term Integrated Forecasting System
IOGCC	Interstate Oil and Gas Compact Commission	STEO	Short-Term Energy Outlook
LNG	Liquefied natural gas	Tcf	Trillion cubic feet

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Highlights

This issue of the *Natural Gas Monthly* contains estimates of natural gas data through May 2002 for many data series at the national level. National-level natural gas prices are available through March 2002 (electric utilities), or May (residential, commercial, industrial, and wellhead). State-level data generally are available through May 2002, although underground storage data are available through June 2002.

Recent analyses of the natural gas industry are available on the EIA web site, http://www.eia.doe.gov/ under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* — a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* - a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.

- *Short-Term Energy Outlook* - projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Consumption by Electric Utilities

Data for natural gas consumption by electric utilities are not available for April and May 2002 in this issue of the *Natural Gas Monthly*. However, consumption data for the other end-use sectors are available. The April and May 2002 electricity consumption data may be available before the next issue of the *Natural Gas Monthly* as part of Table 41 of the next issue of the *Electric Power Monthly* report. You may find this report on the EIA web site. Click on the by-fuel section of the home page and select electricity. The URL to get directly to the *Electric Power Monthly* is: http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html.

EIA has forwarded a request to the Office of Management and Budget (OMB) for a three-year extension of authority to use its natural gas data collection forms. The forms included in the clearance request are EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," EIA-191, "Monthly Underground Natural Gas Storage Report," EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," EIA-895, "Monthly and Annual Quantity of Natural Gas Production Report," EIA-910, "Monthly Natural Gas Marketer Survey," and EIA-912, "Weekly Underground Natural Gas Storage Report." The Form EIA-176 has been extensively revised. Minor revisions to the content, reformatting , and clarifications to the instructions have been applied to the other forms. The draft forms are posted on the EIA website at http://www.eia.doe.gov/oil_gas/natural_gas/survey_forms/nat_proposed_forms.html. Comments on the clearance request should be addressed to Bryon Allen, OMB Desk Officer for DOE, Office of Information and Regulatory Affairs, Office of Management and Budget, 726 Jackson Place, N.W., Washington, D.C. 20503 or by e-mail at Ballen@omb.eop.gov.

Table 1. Summary of Natural Gas Production in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed[a]	Vented and Flared	Marketed Production (Wet)	Extraction Loss[b]	Dry Gas Production[c]
1996 Total	**24,114**	**3,511**	**518**	**272**	**19,812**	**958**	**18,854**
1997 Total	**24,213**	**3,492**	**599**	**256**	**19,866**	**964**	**18,902**
1998 Total	**24,108**	**3,427**	**617**	**103**	**19,961**	**938**	**19,024**
1999 Total	**23,823**	**3,293**	**615**	**110**	**19,805**	**973**	**18,832**
2000							
January	2,061	302	51	8	1,700	86	1,614
February	1,917	289	50	10	1,569	80	1,489
March	2,085	307	54	7	1,717	87	1,630
April	1,966	282	51	10	1,623	82	1,540
May	2,009	264	52	8	1,686	86	1,600
June	1,971	268	52	8	1,643	83	1,560
July	2,024	264	53	11	1,697	86	1,611
August	2,042	275	53	8	1,707	87	1,620
September	1,985	279	52	8	1,647	84	1,563
October	2,088	302	53	8	1,725	88	1,638
November	1,986	297	45	7	1,636	83	1,553
December	2,019	306	54	7	1,652	84	1,568
Total	**24,153**	**3,434**	**617**	**100**	**20,002**	**1,016**	**18,987**
2001							
January	E2,131	E314	E46	E9	E1,762	E89	E1,672
February	E1,928	E289	E39	E8	E1,592	E81	E1,511
March	E2,154	E336	E43	E9	E1,767	E90	E1,677
April	E2,059	E306	E42	E8	E1,703	E87	E1,616
May	E2,100	E300	E41	E9	E1,750	E89	E1,661
June	E1,999	E284	E41	E8	E1,665	E85	E1,580
July	E2,061	E285	E43	E9	E1,723	E88	E1,635
August	E2,064	E293	E43	E10	E1,718	E87	E1,631
September	E1,984	E274	E42	E9	E1,659	E84	E1,575
October	E2,073	E276	E44	E10	E1,743	E89	E1,654
November	E2,050	E321	E43	E9	E1,676	E85	E1,591
December	RE2,118	E336	E40	E9	RE1,733	RE88	RE1,645
Total	**RE24,719**	**E3,615**	**E508**	**RE107**	**RE20,490**	**RE1,041**	**RE19,449**
2002							
January	RE2,135	E327	E33	E9	RE1,767	RE90	RE1,677
February	RE1,923	E304	E30	E8	RE1,581	E80	RE1,501
March	RE2,135	E333	E34	E9	RE1,760	E89	RE1,671
April	RE2,043	RE312	RE33	RE8	RE1,690	RE86	RE1,604
May	E2,033	E316	E32	E8	E1,676	E85	E1,591
2002 YTD	**E10,270**	**E1,593**	**E162**	**E41**	**E8,474**	**E430**	**E8,044**
2001 YTD	**E10,372**	**E1,546**	**E210**	**E43**	**E8,573**	**E436**	**E8,138**
2000 YTD	**10,039**	**1,444**	**257**	**43**	**8,295**	**421**	**7,874**

[a] See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

[b] Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[c] Equal to marketed production (wet) minus extraction loss.

[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000.* January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation and estimation procedures and revision policies.

Table 2

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels[a]	Net Imports	Net Storage Withdrawals[b]	Balancing Item[c]	Consumption[d]
1996 Total	**18,854**	**109**	**2,784**	**2**	**217**	**21,967**
1997 Total	**18,902**	**103**	**2,837**	**24**	**61**	**21,959**
1998 Total	**19,024**	**102**	**2,993**	**-530**	**-334**	**21,277**
1999 Total	**18,832**	**98**	**3,422**	**172**	**-897**	**21,620**
2000						
January	1,614	9	308	799	-220	2,510
February	1,489	8	279	460	95	2,331
March	1,630	7	286	155	-28	2,051
April	1,540	6	277	-47	6	1,783
May	1,600	6	268	-237	-5	1,633
June	1,560	5	280	-291	-41	1,513
July	1,611	7	303	-296	-99	1,526
August	1,620	7	298	-201	-71	1,653
September	1,563	6	284	-297	-81	1,475
October	1,638	7	301	-247	-131	1,568
November	1,553	8	305	295	-252	1,909
December	1,568	9	349	735	-74	2,587
Total	**18,987**	**86**	**3,538**	**829**	**-827**	**22,547**
2001						
January	E1,672	E8	349	467	R129	R2,624
February	E1,511	E7	303	338	R113	R2,272
March	E1,677	E7	327	181	R4	R2,196
April	E1,616	E6	297	-276	R129	R1,772
May	E1,661	E5	300	-448	R-42	R1,477
June	E1,580	E5	300	-422	R-86	R1,377
July	E1,635	E7	336	-376	R-79	R1,523
August	E1,631	E6	327	-305	R-110	R1,549
September	E1,575	E6	284	-368	R-81	R1,415
October	E1,654	E6	294	-189	R-188	R1,578
November	E1,591	E7	256	-85	R-150	R1,619
December	RE1,645	E8	275	350	R-254	2,023
Total	**RE19,449**	**E77**	**3,647**	**-1,134**	**R-614**	**R21,425**
2002						
January	RE1,677	E8	318	546	R-193	R2,356
February	RE1,501	E7	272	462	R-115	R2,126
March	RE1,671	E8	E304	320	R-181	R2,121
April	RE1,604	E6	E261	-126	R-20	R1,725
May	E1,591	E6	E259	-323	-46	1,487
2002 YTD	**E8,044**	**E34**	**E1,413**	**879**	**-554**	**9,815**
2001 YTD	**E8,138**	**E33**	**1,577**	**261**	**333**	**10,341**
2000 YTD	**7,874**	**37**	**1,418**	**1,131**	**-152**	**10,308**

[a] Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

[b] Monthly and annual data for 1996 through 2000 include underground storage and liquefied natural gas storage. Data for January 2001 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

[c] Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2000 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997. See Appendix A, Explanatory Note 9, for full discussion.

[d] Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

[R] Revised Data.

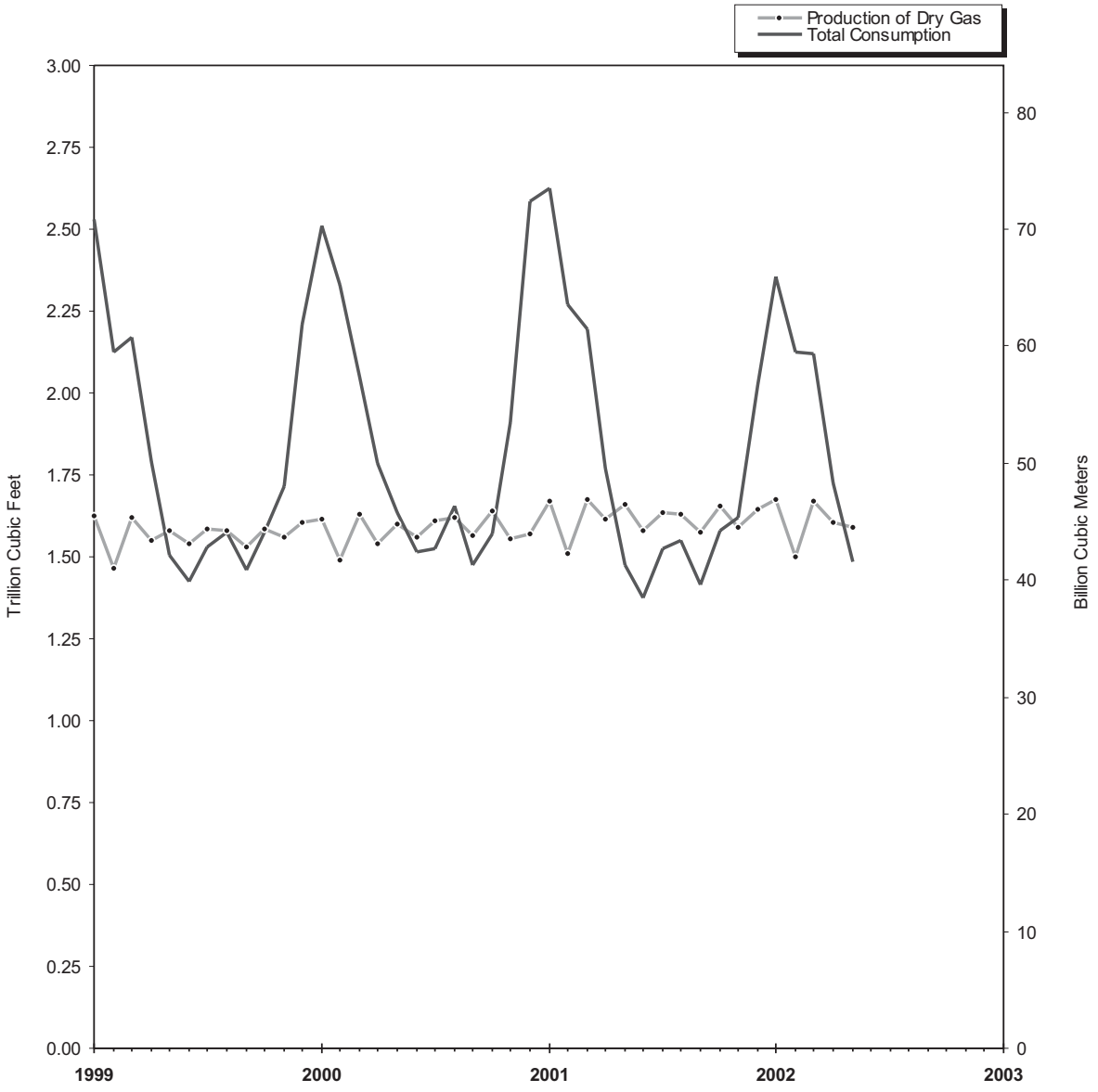
[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 2 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production and Consumption of Natural Gas in the United States, 1999-2002



Source: Table 2.

Table 3

Table 3. Natural Gas Consumption in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel[a]	Pipeline Fuel[b]	Delivered to Consumers					Total Consumption
			Residential	Commercial [c]	Industrial	Electric Utilities	Total	
1996 Total	**1,250**	**711**	**5,241**	**3,161**	**8,870**	**2,732**	**20,006**	**21,967**
1997 Total	**1,203**	**751**	**4,984**	**3,219**	**8,832**	**2,968**	**20,004**	**21,959**
1998 Total	**1,173**	**635**	**4,520**	**3,005**	**8,686**	**3,258**	**19,469**	**21,277**
1999 Total	**1,079**	**645**	**4,726**	**3,050**	**9,006**	**3,113**	**19,895**	**21,620**
2000								
January	96	73	862	454	835	190	2,342	2,510
February	89	67	774	423	809	167	2,174	2,331
March	97	59	550	353	785	208	1,894	2,051
April	92	51	401	259	767	215	1,640	1,783
May	94	46	228	183	772	309	1,492	1,633
June	92	43	154	150	767	307	1,378	1,513
July	95	43	128	139	746	373	1,387	1,526
August	96	47	122	153	825	410	1,510	1,653
September	93	42	141	151	765	284	1,340	1,475
October	98	44	236	184	793	213	1,426	1,568
November	93	55	482	293	806	180	1,761	1,909
December	94	75	913	475	843	187	2,418	2,587
Total	**1,130**	**644**	**4,992**	**3,226**	**9,512**	**3,043**	**20,772**	**22,547**
2001								
January	[E]100	75	[R]985	512	795	158	[R]2,449	[R]2,624
February	[E]90	65	[R]784	439	[R]751	144	[R]2,117	[R]2,272
March	[E]100	63	[R]685	388	[R]788	172	[R]2,034	[R]2,196
April	[E]96	51	[R]406	[R]267	[R]740	212	[R]1,625	[R]1,772
May	[E]99	42	[R]211	[R]189	[R]699	236	[R]1,336	[R]1,477
June	[E]94	39	[R]148	162	[R]672	261	[R]1,243	[R]1,377
July	[E]97	44	125	146	[R]755	357	[R]1,382	[R]1,523
August	[E]97	44	118	150	[R]779	361	[R]1,407	[R]1,549
September	[E]94	[R]40	[R]130	[R]152	[R]744	255	[R]1,281	[R]1,415
October	[E]98	45	[R]240	[R]193	[R]776	225	[R]1,434	[R]1,578
November	[E]95	46	[R]367	[R]228	[R]732	151	[R]1,478	[R]1,619
December	[RE]98	58	[R]615	[R]335	[R]764	153	1,868	2,023
Total	**[RE]1,158**	**[R]612**	**4,813**	**[R]3,161**	**[R]8,995**	**2,686**	**[R]19,655**	**[R]21,425**
2002								
January	[RE]100	67	[R]819	433	[R]790	147	[R]2,189	[R]2,356
February	[E]89	61	[R]706	392	[R]740	137	[R]1,976	[R]2,126
March	[E]99	[R]61	[R]666	377	[R]757	[R]161	[R]1,961	[R]2,121
April	[E]95	[R]49	[R]418	271	[R]692	[NA]	[R]1,580	[R]1,725
May	[E]97	42	259	192	687	[NA]	1,349	1,487
2002 YTD[d]	**481**	**281**	**2,869**	**1,664**	**3,667**	[NA]	**9,056**	**9,815**
2001 YTD[d]	**484**	**296**	**3,070**	**1,796**	**3,773**	**922**	**9,561**	**10,341**
2000 YTD[d]	**469**	**296**	**2,815**	**1,672**	**3,967**	**1,088**	**9,542**	**10,308**

[a] Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[b] Pipeline fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

[c] Vehicle fuel is included in the annual total of deliveries to commercial consumers for 1996-2000 but not in the monthly volumes. Volumes delivered for use as vehicle fuel (in billion cubic feet) were 2.9 in 1996, 4.4 in 1997, 5.1 in 1998, 5.7 in 1999, and 8.3 in 2000.

[d] Year-to-date volume represents months for which volume information is available in the current year.

[R] Revised Data.

[E] Estimated Data.

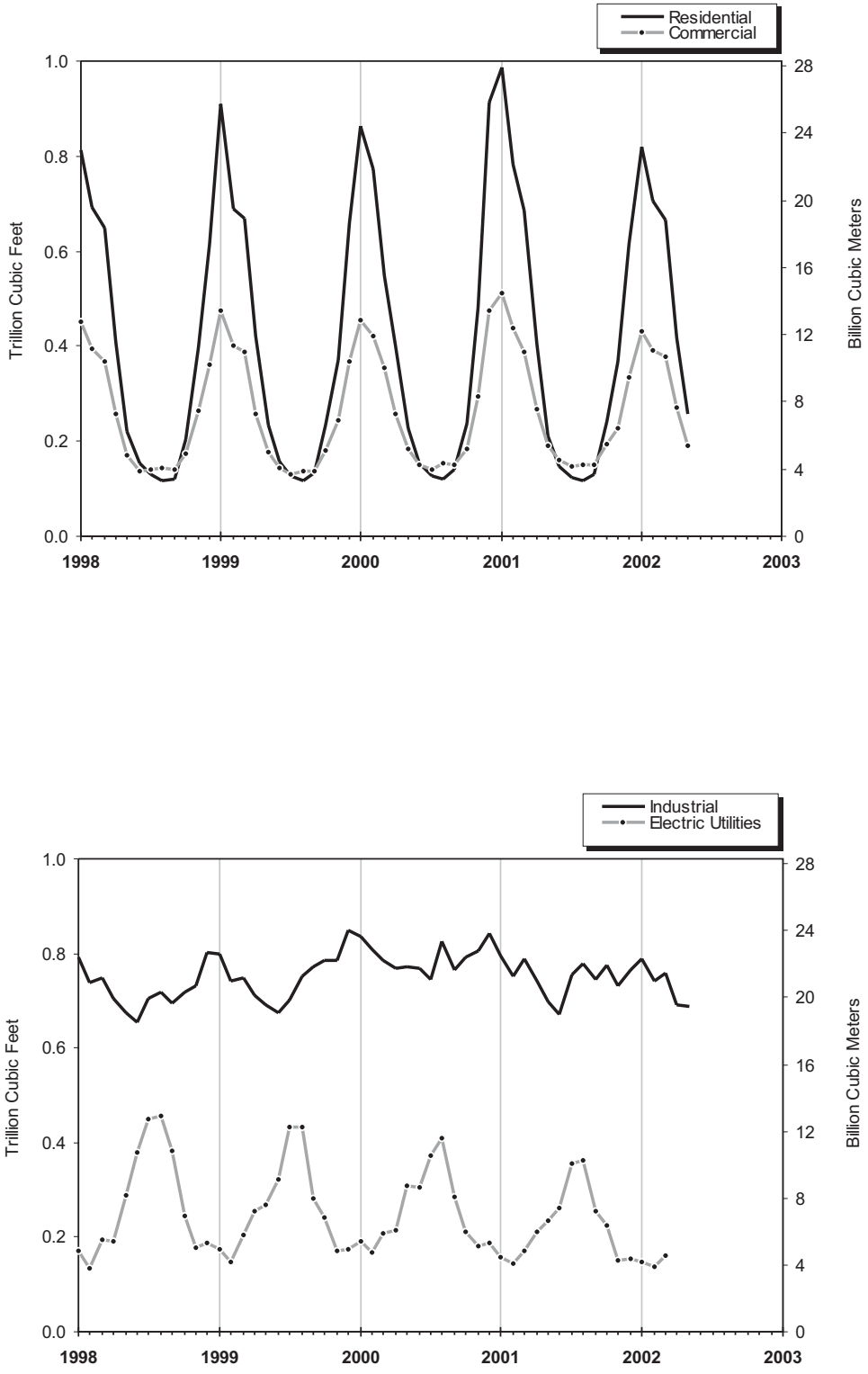
[RE] Revised Estimated Data.

[NA] Not Available.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. See Explanatory Note 5 for further explanation.

Sources: 1996-2000: Energy Information Administration (EIA): Form EIA-895 "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," EIA computations, and *Natural Gas Annual 2000.* January 2001 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-759. See Appendix A, Explanatory Note 5, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1998-2002



Source: Table 3.

Table 4

Table 4. Selected National Average Natural Gas Prices, 1996-2002

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price[a]	City Gate Price	Delivered to Consumers					
			Residential Price	Commercial		Industrial		Electric Utilities Price
				Price	% of Total[b]	Price	% of Total[b]	
1996 Annual Average	**2.17**	**3.34**	**6.34**	**5.40**	**77.6**	**3.42**	**19.4**	**2.69**
1997 Annual Average	**2.32**	**3.66**	**6.94**	**5.80**	**70.8**	**3.59**	**18.1**	**2.78**
1998 Annual Average	**1.96**	**3.07**	**6.82**	**5.48**	**67.0**	**3.14**	**16.1**	**2.40**
1999 Annual Average	**2.19**	**3.10**	**6.69**	**5.33**	**66.2**	**3.10**	**17.5**	**2.62**
2000								
January	2.60	3.27	6.37	5.78	66.5	3.41	18.7	2.74
February	2.73	3.48	6.54	5.96	67.4	3.68	19.4	2.96
March	2.66	3.54	6.91	5.78	62.4	3.54	18.2	3.00
April	2.86	3.72	7.19	6.04	61.2	3.59	18.0	3.23
May	3.04	4.15	8.26	5.98	59.6	3.67	17.0	3.63
June	3.77	5.19	9.50	6.49	56.5	4.24	18.1	4.45
July	3.84	5.20	10.33	6.56	55.5	4.55	17.6	4.35
August	3.73	4.63	10.37	6.09	57.7	4.33	17.1	4.27
September	4.26	5.21	10.10	6.93	56.0	4.88	16.5	4.85
October	4.58	5.66	9.44	7.49	58.5	5.45	16.6	5.17
November	4.40	5.20	8.58	7.57	63.0	5.39	19.8	5.37
December	5.77	6.64	8.56	8.20	67.5	6.67	20.4	8.23
Annual Average	**3.69**	**4.62**	**7.76**	**6.59**	**62.9**	**4.48**	**18.1**	**4.38**
2001								
January	[E]8.06	[R]8.94	[R]10.13	9.41	70.6	[R]8.64	16.2	9.47
February	[E]5.84	[R]7.13	[R]10.26	9.72	68.8	7.31	[R]15.6	6.85
March	[E]5.15	[R]6.16	[R]9.88	9.02	67.2	[R]6.39	[R]15.0	5.69
April	[E]5.21	[R]6.38	[R]10.19	8.86	[R]64.8	6.16	13.8	5.70
May	[E]4.56	[R]5.87	[R]11.13	8.52	[R]57.1	[R]5.43	12.9	5.15
June	[E]3.88	[R]5.37	[R]11.49	6.91	[R]61.7	4.79	13.0	4.35
July	[E]3.39	[R]4.33	[R]11.08	7.02	[R]54.6	3.94	[R]18.8	3.84
August	[E]3.23	[R]4.29	[R]10.75	6.58	55.1	3.78	[R]18.4	3.73
September	[E]2.55	[R]3.67	[R]10.12	6.27	[R]54.9	3.28	[R]19.4	3.15
October	[E]2.40	[R]3.32	[R]8.22	5.88	[R]60.2	[R]3.00	[R]19.5	2.79
November	[E]2.74	[R]3.98	7.97	[R]6.52	[R]64.8	3.95	18.3	3.31
December	[E]2.38	[R]3.92	[R]7.32	[R]6.50	[R]67.4	3.43	[R]19.6	3.11
Annual Average	**[E]4.12**	**[R]5.78**	**9.63**	**8.12**	**[R]64.6**	**4.85**	**[R]16.8**	**4.51**
2002								
January	[E]2.35	[R]4.03	[R]7.25	6.54	67.0	3.65	20.2	3.39
February	[E]2.14	[R]3.77	[R]7.18	6.52	65.7	3.30	[R]20.2	[R]3.10
March	[E]2.52	[R]3.78	6.96	6.28	65.4	3.36	[R]20.0	[R]3.40
April	[E]3.02	4.09	7.56	6.62	60.2	4.01	16.1	NA
May	[E]3.01	5.17	8.41	6.76	57.1	3.92	19.7	NA
2002 YTD[c]	**[E]2.61**	**4.06**	**7.32**	**6.51**	**64.1**	**3.62**	**19.3**	NA
2001 YTD[c]	**[E]5.76**	**7.23**	**10.18**	**9.24**	**67.1**	**6.91**	**14.8**	**6.75**
2000 YTD[c]	**2.78**	**3.54**	**6.79**	**5.89**	**64.3**	**3.58**	**18.3**	**2.99**

[a] See Appendix A, Explanatory Note 8, for discussion of wellhead prices.

[b] Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

[c] Year-to-date price represents months for which price information is available in the current year. The electric utility year-to-date price is 3 months behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

[R] Revised Data.

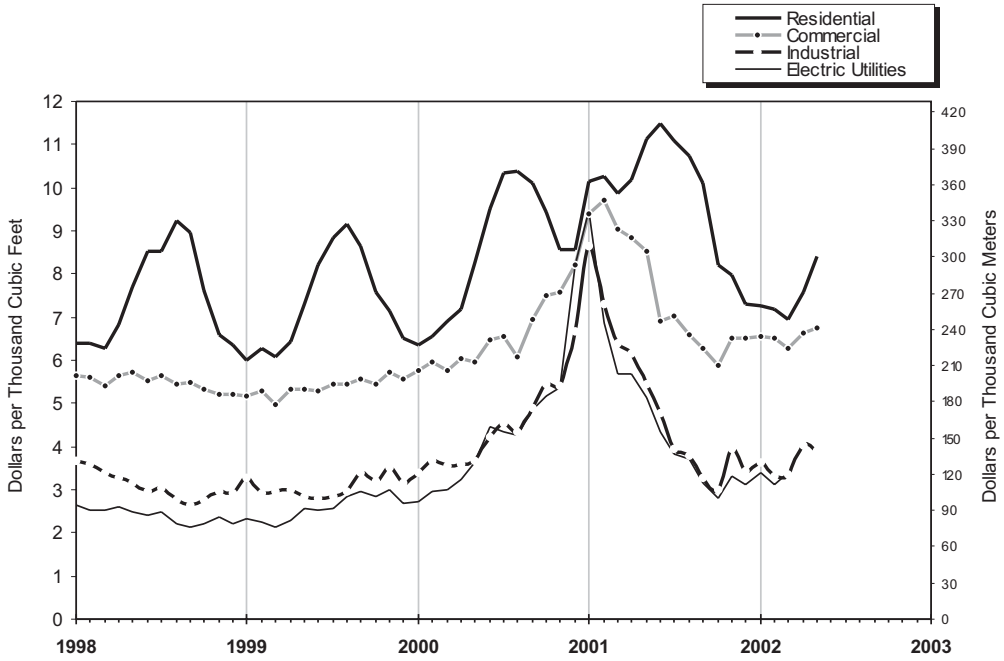
[E] Estimated Data.

NA Not Available.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. In 1996, consumption of natural gas for agricultural use was classified as industrial use. See Appendix A, Explanatory Note 5 for further explanation.

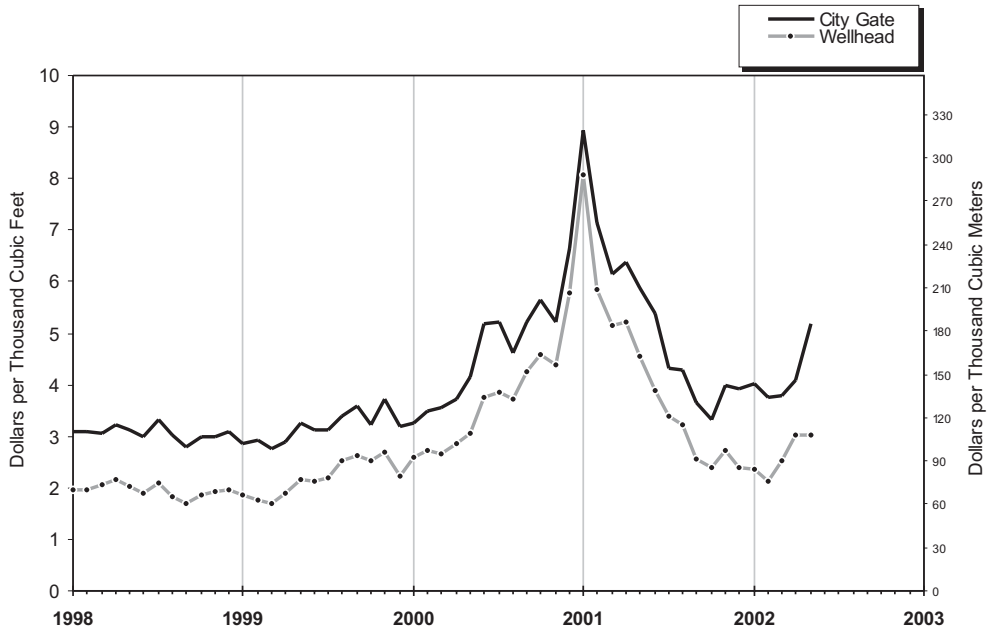
Sources: 1996-2000: Energy Information Administration (EIA) *Natural Gas Annual 2000.* January 2001 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Price of Natural Gas Delivered to Consumers in the U.S., 1998-2002



Source: Table 4.

Figure 4. Average Price of Natural Gas in the United States, 1998-2002



Source: Table 4.

Table 5

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG					
	Canada		Mexico		Algeria		Australia		Nigeria	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1996 Total	**2,883,277**	**1.96**	**13,862**	**2.25**	**35,325**	**2.70**	**0**	—	**0**	—
1997 Total	**2,899,152**	**2.15**	**17,243**	**2.31**	**65,675**	**2.67**	**9,686**	**2.92**	**0**	—
1998 Total	**3,052,073**	**1.95**	**14,532**	**2.03**	**68,567**	**2.51**	**11,634**	**3.30**	**0**	—
1999 Total	**3,367,545**	**2.23**	**54,530**	**2.14**	**75,763**	**2.41**	**11,904**	**2.70**	**0**	—
2000										
January	310,181	2.42	2,911	2.30	5,026	2.61	0	—	0	—
February	289,222	2.57	730	2.50	4,987	3.76	0	—	0	—
March	291,469	2.60	316	2.60	3,990	2.49	0	—	0	—
April	273,881	2.85	756	2.97	2,566	2.72	2,274	3.21	0	—
May	274,616	3.05	0	—	2,453	3.13	0	—	0	—
June	278,529	3.89	0	—	2,529	3.53	0	—	2,488	4.14
July	293,353	3.99	27	4.01	2,562	3.40	2,285	3.26	2,496	4.86
August	295,355	3.65	10	4.64	2,370	3.87	0	—	2,510	3.56
September	282,921	4.19	209	5.00	2,556	4.11	1,270	3.28	2,658	3.52
October	296,022	5.27	1,115	5.17	7,570	3.46	0	—	2,503	5.80
November	309,337	4.94	1,231	5.61	2,552	3.98	116	3.44	0	—
December	349,079	7.47	4,297	8.73	7,786	4.29	0	—	0	—
Total	**3,543,966**	**3.97**	**11,601**	**5.43**	**46,947**	**3.48**	**5,945**	**3.25**	**12,654**	**4.37**
2001										
January	353,515	9.63	2,416	7.98	5,020	4.05	0	—	2,478	10.79
February	306,961	6.49	1,139	5.45	7,658	5.52	0	—	5,068	6.25
March	335,175	5.42	1,482	4.89	7,606	5.87	0	—	2,535	9.05
April	296,754	5.40	2,102	5.11	5,009	3.88	0	—	4,822	5.42
May	301,938	5.01	157	4.44	7,572	3.58	0	—	5,067	5.43
June	297,497	3.92	0	—	3,943	2.71	0	—	7,547	4.92
July	341,932	3.12	0	—	7,754	3.14	1,187	3.79	2,888	5.09
August	336,466	3.11	0	—	5,058	2.73	1,207	3.92	2,606	2.99
September	295,061	2.58	0	—	5,087	2.76	0	—	4,955	3.30
October	316,637	2.14	0	—	2,491	2.48	0	—	0	—
November	285,244	2.96	160	2.04	2,510	2.25	0	—	0	—
December	295,445	2.67	2,821	2.44	5,237	2.68	0	—	0	—
Total	**3,762,624**	**4.43**	**10,276**	**5.00**	**64,945**	**3.73**	**2,394**	**3.86**	**37,966**	**5.56**
2002										
January	338,934	2.70	941	2.58	2,726	3.77	0	—	0	—
February	288,892	2.30	770	2.09	0	—	0	—	0	—
March	327,175	2.61	0	—	0	—	0	—	0	—
April	285,251	NA	2,158	NA	0	—	0	—	0	—
May	R281,497	NA	3,790	NA	0	—	0	—	0	—
June	E274,834	NA	3,008	NA	0	—	0	—	0	—
2002 YTD	**E1,796,583**	NA	**10,667**	NA	**2,726**	**3.77**	**0**	—	**0**	—
2001 YTD	**1,891,840**	**6.08**	**7,295**	**6.05**	**36,807**	**4.47**	**0**	—	**27,517**	**6.26**
2000 YTD	**1,717,899**	**2.89**	**4,713**	**2.46**	**21,551**	**3.03**	**2,274**	**3.21**	**2,488**	**4.14**

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

Year and Month	LNG								Total	
	Qatar		Trinidad		United Arab Emirates		Other		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	**0**	—	**0**	—	**4,949**	**3.46**	**0**	—	**2,937,413**	**1.97**
1997 Total	**0**	—	**0**	—	**2,417**	**3.74**	**0**	—	**2,994,173**	**2.17**
1998 Total	**0**	—	**0**	—	**5,252**	**2.63**	**0**	—	**3,152,058**	**1.97**
1999 Total	**19,697**	**2.71**	**50,777**	**2.39**	**2,713**	**3.03**	[a]**2,576**	**2.36**	**3,585,505**	**2.24**
2000										
January	0	—	7,780	3.01	0	—	0	—	325,897	2.44
February	0	—	5,168	2.91	0	—	0	—	300,107	2.60
March	2,428	2.79	8,393	2.89	0	—	0	—	306,596	2.61
April	7,254	2.71	7,285	3.05	0	—	0	—	294,016	2.86
May	0	—	10,723	3.05	0	—	0	—	287,793	3.05
June	2,385	2.76	7,390	3.48	2,725	3.53	0	—	296,046	3.87
July	4,793	3.97	14,307	3.30	0	—	[b]2,464	2.86	322,285	3.94
August	7,167	3.15	8,435	3.30	0	—	[b]2,461	2.86	318,308	3.62
September	7,625	3.97	4,864	2.98	0	—	[b]2,740	4.20	304,843	4.15
October	7,165	4.14	7,392	3.65	0	—	[c]2,760	3.99	324,527	5.16
November	7,241	3.32	6,950	3.85	0	—	[b]2,333	3.44	329,759	4.86
December	0	—	10,262	5.14	0	—	0	—	371,425	7.35
Total	**46,057**	**3.44**	**98,949**	**3.43**	**2,725**	**3.53**	**12,758**	**3.50**	**3,781,603**	**3.95**
2001										
January	0	—	10,707	7.04	0	—	0	—	374,136	9.48
February	0	—	6,635	4.78	0	—	[b]2,738	8.70	330,199	6.44
March	2,400	3.17	10,704	4.74	0	—	0	—	359,902	5.42
April	2,452	6.60	8,028	4.26	0	—	[b]1,702	4.65	320,869	5.35
May	4,975	4.47	9,530	4.15	0	—	0	—	329,238	4.95
June	3,076	5.82	10,407	3.77	0	—	[b]1,616	3.99	324,087	3.94
July	4,934	3.97	6,701	3.95	0	—	[b]1,635	4.65	367,031	3.17
August	0	—	7,519	3.60	0	—	[b]2,728	4.99	355,584	3.13
September	4,919	3.24	5,230	3.68	0	—	[b]1,635	4.65	316,888	2.63
October	0	—	9,234	2.17	0	—	0	—	328,362	2.14
November	0	—	5,340	3.19	0	—	0	—	293,253	2.96
December	0	—	7,975	3.12	0	—	0	—	311,478	2.68
Total	**22,758**	**4.37**	**98,009**	**4.14**	**0**	—	**12,055**	**5.56**	**4,011,027**	**4.43**
2002										
January	0	—	5,318	3.80	0	—	0	—	347,919	2.72
February	0	—	7,571	3.10	0	—	0	—	297,233	2.32
March	0	—	10,151	2.90	0	—	0	—	337,326	2.62
April	2,439	NA	10,269	NA	0	—	0	—	300,118	NA
May	0	—	[R]8,782	NA	0	—	[a]2,423	NA	[R]296,492	NA
June	0	—	11,315	NA	0	—	0	—	[E]289,157	NA
2002 YTD	**2,439**	NA	**53,407**	NA	**0**	—	**2,423**	NA	[E]**1,868,245**	NA
2001 YTD	**12,904**	**4.95**	**56,011**	**4.83**	**0**	—	**6,056**	**6.31**	**2,038,431**	**6.01**
2000 YTD	**12,067**	**2.74**	**46,739**	**3.07**	**2,725**	**3.53**	**0**	—	**1,810,455**	**2.89**

[a] Received from Malaysia.
[b] Received from Oman.
[c] Received from Indonesia.
[R] Revised Data.
[E] Estimated Data.
NA Not Available.
— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6

Table 6. U.S. Natural Gas Exports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG				Total	
	Canada		Mexico		Japan		Mexico		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	**51,905**	**2.67**	**33,840**	**2.11**	**67,648**	**3.65**	**0**	—	**153,393**	**2.97**
1997 Total	**56,447**	**2.52**	**38,372**	**2.46**	**62,187**	**3.83**	**0**	—	**157,006**	**3.02**
1998 Total	**39,891**	**2.25**	**53,133**	**2.04**	**65,951**	**2.91**	**33**	**5.69**	**159,007**	**2.45**
1999 Total	**38,508**	**2.35**	**61,025**	**2.27**	**63,607**	**3.08**	**275**	**6.95**	**163,415**	**2.61**
2000										
January	6,234	2.50	5,937	2.39	5,569	4.04	36	5.82	17,776	2.95
February	9,017	2.70	6,394	2.62	5,566	4.08	37	5.82	21,015	3.05
March	9,051	2.74	7,641	2.70	3,769	4.18	45	5.82	20,505	3.00
April	3,093	2.86	8,222	2.94	5,670	4.25	30	5.82	17,015	3.37
May	3,732	3.15	10,338	3.23	5,709	4.27	31	5.82	19,810	3.52
June	3,742	4.11	8,714	4.30	3,763	4.34	30	5.82	16,249	4.27
July	3,762	4.37	10,157	4.52	5,597	4.36	29	5.82	19,546	4.45
August	3,900	3.90	11,248	4.16	5,598	4.22	29	5.82	20,775	4.13
September	4,682	4.76	10,265	5.07	5,592	4.37	28	5.82	20,568	4.81
October	5,327	5.26	10,197	5.31	7,512	4.51	35	5.82	23,070	5.04
November	9,877	3.97	9,154	4.78	5,686	4.49	51	5.82	24,767	4.39
December	10,169	4.32	6,834	8.57	5,579	4.51	38	5.82	22,621	5.65
Total	**72,586**	**3.66**	**105,102**	**4.26**	**65,610**	**4.31**	**418**	**5.82**	**243,716**	**4.10**
2001										
January	11,818	6.84	8,111	10.34	5,571	4.68	47	5.82	25,547	7.48
February	15,379	5.41	8,009	7.06	3,714	4.73	42	5.82	27,144	5.80
March	19,691	4.52	7,110	6.22	5,569	4.70	42	5.82	32,412	4.93
April	12,683	5.67	5,326	7.10	5,594	4.25	34	5.82	23,637	5.66
May	13,328	5.00	9,940	6.88	5,677	4.22	35	5.82	28,981	5.49
June	9,568	4.05	11,183	5.27	3,780	4.28	23	5.82	24,554	4.64
July	10,449	3.38	14,939	3.53	5,665	4.27	32	5.82	31,086	3.62
August	7,567	3.19	15,531	3.31	5,684	4.29	33	5.82	28,814	3.47
September	10,030	2.46	17,610	2.45	5,676	4.39	35	5.82	33,350	2.79
October	10,907	2.22	15,920	2.29	7,576	4.41	49	5.82	34,452	2.74
November	15,819	3.12	15,489	2.98	5,644	4.29	47	5.82	37,000	3.24
December	20,224	2.51	10,751	2.55	5,602	4.29	46	5.82	36,624	2.80
Total	**157,462**	**4.06**	**139,920**	**4.34**	**65,753**	**4.39**	**465**	**5.82**	**363,600**	**4.23**
2002										
January	11,840	2.64	12,167	2.65	5,605	4.26	51	5.82	29,663	2.96
February	11,418	2.11	10,421	2.24	3,755	4.02	37	5.82	25,631	2.45
March	10,018	2.46	17,873	2.68	5,619	3.73	39	5.82	33,549	2.79
April	14,008	NA	E17,873	NA	7,427	NA	NA	NA	E39,309	NA
May	R18,037	NA	E17,873	NA	1,853	NA	NA	NA	RE37,763	NA
June	E15,799	NA	E17,873	NA	5,586	NA	NA	NA	E39,259	NA
2002 YTD	**E81,120**	NA	**E94,082**	NA	**29,846**	NA	NA	NA	**E205,174**	NA
2001 YTD	**82,466**	**5.22**	**49,680**	**7.04**	**29,904**	**4.47**	**224**	**5.82**	**162,274**	**5.64**
2000 YTD	**34,869**	**2.89**	**47,246**	**3.10**	**30,045**	**4.19**	**209**	**5.82**	**112,369**	**3.33**

R Revised Data.
E Estimated Data.
RE Revised Estimated Data.
NA Not Available.
— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet)

Year and Month	Alabama[b]	Alaska	Arizona	California	Colorado	Florida	Kansas
1996 Total	**530,841**	**480,828**	**463**	**286,494**	**572,071**	**6,006**	**712,796**
1997 Total	**583,272**	**468,311**	**452**	**285,690**	**637,375**	**6,114**	**687,215**
1998 Total	**562,714**	**466,648**	**457**	**315,277**	**696,321**	**5,796**	**603,586**
1999 Total	**545,464**	**462,967**	**474**	**382,715**	**722,738**	**5,933**	**553,419**
2000							
January	46,526	42,242	37	31,663	65,091	564	49,597
February	44,084	38,430	26	27,675	60,155	547	41,606
March	43,869	42,505	27	29,706	64,390	653	44,924
April	43,318	37,290	28	28,970	61,056	595	43,591
May	44,231	33,531	31	30,981	65,137	575	43,837
June	43,196	35,890	32	30,558	59,184	474	44,129
July	43,985	35,559	32	32,823	62,541	544	43,938
August	43,790	35,910	33	33,111	64,332	533	43,603
September	40,731	37,148	33	32,377	62,304	550	42,078
October	42,755	39,354	33	33,723	63,606	472	43,078
November	42,511	38,897	32	32,540	63,005	465	41,891
December	43,614	42,239	24	32,454	62,182	519	43,457
Total	**522,610**	**458,995**	**368**	**376,580**	**752,985**	**6,491**	**525,729**
2001							
January	30,460	42,459	31	32,450	[E]62,027	454	41,780
February	27,096	38,318	28	29,821	[E]59,310	397	36,909
March	29,918	42,727	31	32,074	[E]61,791	436	40,535
April	28,864	39,572	32	30,325	[E]59,791	499	39,420
May	29,742	35,882	28	32,404	[E]62,480	440	39,967
June	28,993	34,653	25	31,753	[E]58,715	473	38,721
July	30,616	37,163	26	31,644	[E]61,195	553	40,646
August	30,999	37,228	24	31,826	[E]62,205	531	39,335
September	30,102	36,172	22	30,562	[E]60,192	489	37,483
October	30,194	39,306	20	31,516	[E]63,033	701	38,286
November	29,379	43,007	15	29,973	[E]61,942	382	37,123
December	30,446	45,344	25	31,507	[E]63,617	353	38,451
Total	**356,811**	**471,831**	**307**	**375,856**	**[E]736,299**	**5,706**	**468,658**
2002							
January	29,630	42,257	26	30,928	[E]63,426	342	[R]39,452
February	27,084	38,966	23	28,337	[E]61,342	256	[R]35,189
March	29,195	41,993	26	31,562	[E]62,671	386	[R]38,020
April	28,532	40,086	23	29,413	[E]60,368	291	37,900
2002 YTD	**114,441**	**163,301**	**99**	**120,239**	**[E]247,808**	**1,274**	**150,561**
2001 YTD	**116,338**	**163,076**	**122**	**124,671**	**[E]242,919**	**1,786**	**158,645**
2000 YTD	**177,797**	**160,467**	**118**	**118,014**	**250,692**	**2,359**	**179,717**

See footnotes at end of table.

Table 7

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Louisiana[b]	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1996 Total	**5,289,742**	**245,740**	**103,263**	**50,996**	**1,554,087**	**49,674**	**1,734,887**
1997 Total	**5,229,821**	**305,950**	**107,300**	**52,437**	**1,558,633**	**52,401**	**1,703,888**
1998 Total	**5,277,188**	**278,076**	**108,068**	**57,645**	**1,501,098**	**53,185**	**1,669,367**
1999 Total	**5,275,730**	**277,364**	**111,021**	**61,163**	**1,511,671**	**52,862**	**1,594,002**
2000							
January	421,366	22,586	8,241	6,003	145,404	4,585	140,183
February	392,889	15,849	5,386	5,480	137,819	4,116	125,741
March	429,630	33,893	7,350	6,016	147,050	4,291	140,811
April	415,525	12,551	6,785	5,614	137,212	4,278	132,697
May	428,197	26,709	7,527	5,809	143,431	4,543	136,652
June	413,358	17,328	6,938	5,369	136,470	4,322	136,693
July	431,309	30,404	7,347	5,888	141,810	4,505	138,946
August	434,049	33,002	7,571	5,833	139,961	4,320	139,930
September	421,580	24,743	7,227	5,723	139,149	4,329	132,330
October	435,279	38,453	7,958	6,039	141,187	4,490	145,745
November	417,355	25,882	7,693	5,741	136,170	4,178	119,411
December	428,327	15,156	8,535	6,422	141,754	4,469	123,749
Total	**5,068,863**	**296,556**	**88,558**	**69,936**	**1,687,416**	**52,426**	**1,612,890**
2001							
January	467,724	27,354	8,958	6,555	138,892	4,537	[E]141,360
February	428,810	13,735	7,749	5,906	126,673	4,019	[E]129,640
March	474,754	29,621	8,398	6,364	137,458	4,548	[E]143,530
April	459,439	20,195	9,892	6,215	132,246	4,564	[E]138,900
May	474,308	35,791	10,332	6,273	126,566	4,569	[E]143,395
June	446,847	17,942	8,440	6,036	[E]120,771	4,349	[E]138,768
July	462,219	20,115	9,313	6,452	[E]125,274	4,649	[E]143,395
August	455,170	26,818	9,494	6,308	[E]126,287	4,753	[E]142,600
September	442,183	14,571	8,341	6,502	[E]122,513	4,502	[E]137,328
October	455,288	29,294	9,074	7,031	[E]126,806	4,574	[E]141,906
November	436,901	24,190	8,353	7,193	[E]120,164	4,596	[E]136,641
December	452,820	[R]31,547	9,196	7,122	[E]118,092	4,771	[E]141,619
Total	**5,456,463**	**[R]291,172**	**107,540**	**77,958**	**[E]1,521,742**	**54,432**	**[E]1,679,082**
2002							
January	461,646	[RE]34,593	9,510	7,569	136,404	4,763	[E]135,659
February	417,237	[R]13,357	8,688	[R]6,715	122,720	4,263	[E]123,144
March	466,389	[R]31,113	9,016	[R]7,131	132,255	4,712	[E]137,542
April	450,802	17,564	8,706	6,993	[E]126,555	4,617	[E]132,944
2002 YTD	**1,796,074**	**[E]96,627**	**35,920**	**28,408**	**[E]517,934**	**18,356**	**[E]529,289**
2001 YTD	**1,830,727**	**90,905**	**34,997**	**25,040**	**535,269**	**17,669**	**[E]553,430**
2000 YTD	**1,659,410**	**84,879**	**27,762**	**23,114**	**567,485**	**17,270**	**539,432**

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas[c]	Utah	Wyoming	Other[a] States	U.S. Total
1996 Total	**1,439**	**6,470,620**	**250,767**	**666,036**	**805,491**	**19,812,241**
1997 Total	**1,173**	**6,453,873**	**257,139**	**738,368**	**736,679**	**19,866,093**
1998 Total	**1,067**	**6,408,444**	**277,340**	**903,836**	**775,235**	**19,961,348**
1999 Total	**1,291**	**6,211,613**	**262,614**	**971,230**	**800,579**	**19,804,848**
2000						
January	124	522,128	22,008	92,837	79,277	1,700,461
February	105	488,863	20,526	84,714	74,653	1,568,663
March	107	531,944	21,916	90,043	78,056	1,717,180
April	99	507,411	21,255	87,761	76,693	1,622,729
May	102	529,617	22,525	90,699	71,637	1,685,770
June	94	523,281	21,638	87,579	76,514	1,643,048
July	90	531,434	22,772	90,281	72,583	1,696,792
August	96	531,705	22,864	90,812	75,554	1,707,010
September	97	509,474	22,664	89,472	75,066	1,647,075
October	109	526,000	23,374	95,215	78,431	1,725,300
November	97	508,353	22,943	91,715	77,322	1,636,200
December	93	495,039	24,801	97,201	82,022	1,652,058
Total	**1,214**	**6,205,249**	**269,285**	**1,088,328**	**917,808**	**20,002,287**
2001						
January	[E]86	539,175	24,309	111,315	[E]81,856	[E]1,761,782
February	[E]78	485,370	22,368	101,763	[E]74,185	[E]1,592,176
March	[E]93	536,836	24,876	114,525	[E]78,145	[E]1,766,661
April	[E]87	523,416	24,381	109,921	[E]75,056	[E]1,702,816
May	[E]89	539,296	24,261	110,238	[E]73,630	[E]1,749,690
June	[E]86	521,986	23,502	108,676	[E]74,129	[E]1,664,867
July	[E]85	539,802	22,972	112,311	[E]74,298	[E]1,722,729
August	[E]76	534,645	22,826	112,881	[E]74,290	[E]1,718,296
September	[E]80	518,138	22,649	112,708	[E]74,379	[E]1,658,916
October	[E]92	541,722	23,854	120,064	[E]80,015	[E]1,742,776
November	[E]92	519,853	23,854	115,447	[E]77,028	[E]1,676,133
December	[E]90	535,555	24,578	115,728	[E]81,857	[RE]1,732,717
Total	**[E]1,034**	**6,335,794**	**284,431**	**1,345,576**	**[E]918,868**	**[RE]20,489,558**
2002						
January	[E]84	541,077	[R]24,544	117,851	[E]86,964	[RE]1,766,726
February	[E]76	482,212	[R]22,492	109,212	[E]79,494	[RE]1,580,805
March	[E]92	542,218	[R]24,655	118,039	[E]83,416	[RE]1,760,431
April	[E]85	525,296	[E]23,728	115,733	[E]80,399	[E]1,690,035
2002 YTD	**[E]337**	**2,090,803**	**[E]95,418**	**460,835**	**[E]330,272**	**[E]6,797,997**
2001 YTD	**[E]344**	**2,084,797**	**95,934**	**437,524**	**[E]309,242**	**[E]6,823,435**
2000 YTD	**435**	**2,050,346**	**85,704**	**355,356**	**308,679**	**6,609,034**

[a] Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2001 and later data monthly values for these States are estimated.

[b] For Alabama and Louisiana, all data for 1996 through 2000 include Federal Offshore production. For 2001, Alabama data do not include Federal Offshore production, while data for Louisiana include both the Louisiana and Alabama portions of Federal Offshore Production.

[c] Federal offshore production volumes are included.

[R] Revised Data.

[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000.* January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8

Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State, April 2002

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed[a]	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	30,818	507	31,325	1,110	1,576	106	28,532
Alaska	16,412	280,334	296,746	256,098	0	562	40,086
Arizona	23	0	23	0	0	0	23
California	7,086	25,195	32,281	2,553	211	103	29,413
Colorado	E52,430	E8,535	E60,965	E530	0	E66	E60,368
Florida	0	329	329	0	38	0	291
Kansas	34,449	3,554	38,003	65	0	38	37,900
Louisiana	396,703	59,636	456,339	3,579	0	1,958	450,802
Michigan	14,295	3,574	17,869	126	0	179	17,564
Mississippi	11,360	413	11,772	490	2,322	255	8,706
Montana	7,019	0	7,019	0	0	27	6,993
New Mexico	E111,627	E16,877	E128,505	E1,770	0	E180	E126,555
North Dakota	1,262	3,605	4,866	0	14	235	4,617
Oklahoma	E120,185	E12,759	E132,944	E0	E0	E0	E132,944
Oregon	E99	0	E99	0	E14	0	E85
Texas	465,759	112,700	578,459	37,435	13,295	2,434	525,296
Utah	E21,785	E2,865	E24,650	E44	0	E879	E23,728
Wyoming	125,993	14,395	140,388	8,648	14,955	1,053	115,733
Other States	E78,617	E2,244	E80,860	0	E352	E109	E80,399
Total	**E1,495,922**	**E547,520**	**E2,043,442**	**E312,446**	**E32,777**	**E8,183**	**E1,690,035**

[a] See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

E Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

Table 9. Underground Natural Gas Storage - All Operators, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total[b]	Volume	Percent	Injections	Withdrawals	Net Withdrawals[c]
1996 Total[a]	—	—	—	—	—	**2,906**	**2,911**	**6**
1997 Total[a]	—	—	—	—	—	**2,800**	**2,824**	**24**
1998 Total[a]	—	—	—	—	—	**2,905**	**2,379**	**-526**
1999 Total[a]	—	—	—	—	—	**2,598**	**2,772**	**174**
2000								
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
Total	—	—	—	—	—	**2,684**	**3,498**	**814**
2001								
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
Total	—	—	—	—	—	**3,399**	**2,264**	**-1,134**
2002								
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339

[a] Total as of December 31.

[b] Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1996 - 7,980; 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; and 2000 - 8,241.

[c] Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

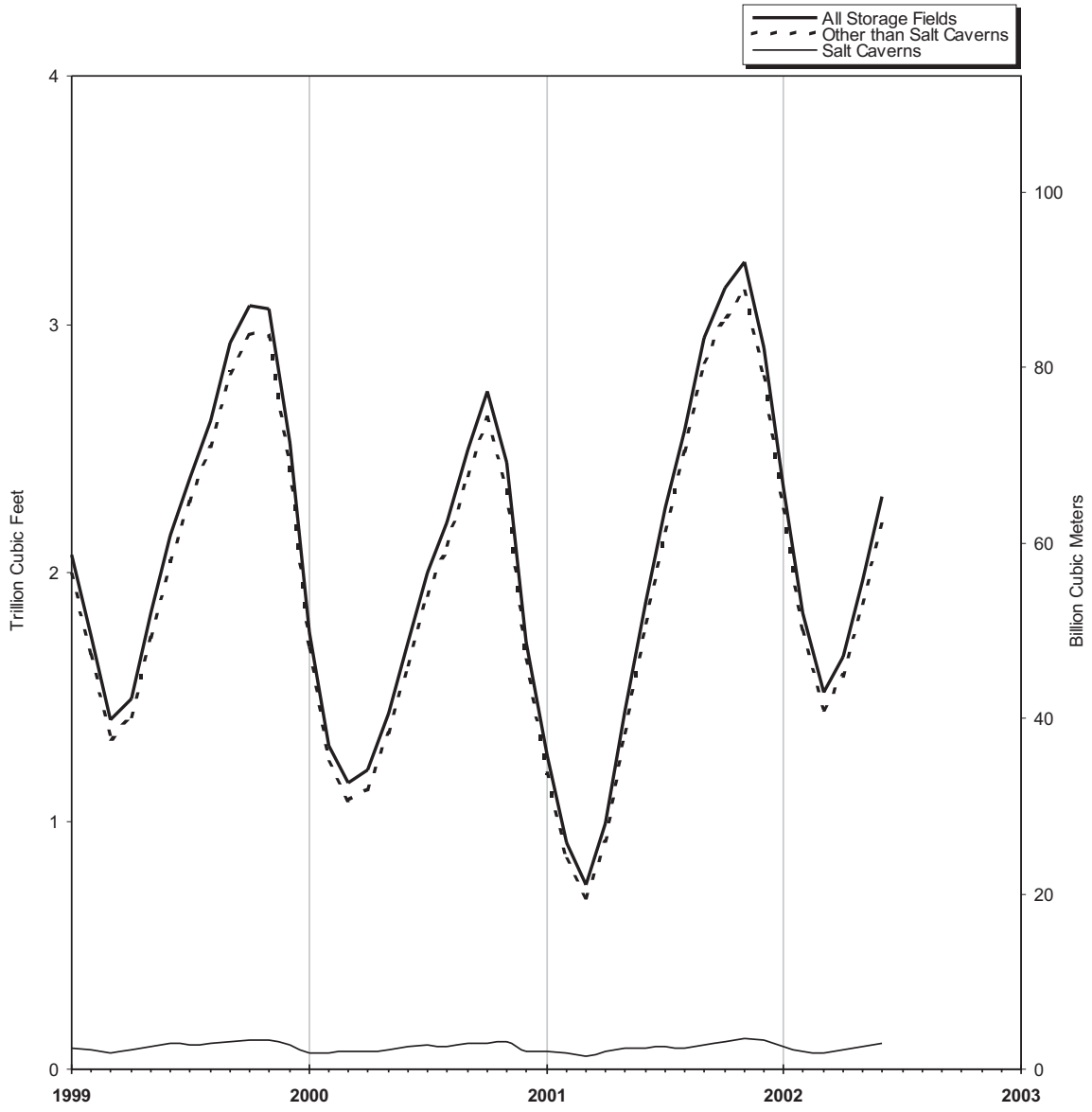
— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 1999-2002



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 1999-2002

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals[a]
October 1999	4,370	3,073	7,443	-118	-3.7	247	92	-155
1999-2000 Heating Season								
November	4,380	3,065	7,445	-90	-2.8	173	205	32
December	4,383	2,523	6,906	-207	-7.6	63	606	543
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
Total	—	—	—	—	—	**517**	**2,476**	**1,959**
2000 Refill Season								
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
Total	—	—	—	—	—	**2,230**	**651**	**-1,579**
2000-2001 Heating Season								
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
Total	—	—	—	—	—	**450**	**2,443**	**1,993**
2001 Refill Season								
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
Total	—	—	—	—	—	**2,819**	**435**	**-2,384**
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
Total	—	—	—	—	—	**523**	**2,115**	**1,593**
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339

[a] Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1996 Total[a]	—	—	—	—	—	**258**	**246**	**-13**
1997 Total[a]	—	—	—	—	—	**267**	**274**	**6**
1998 Total[a]	—	—	—	—	—	**297**	**275**	**-22**
1999 Total[a]	—	—	—	—	—	**260**	**259**	**-1**
2000								
January	68	65	133	-15	-21.2	16	50	34
February	68	66	134	-12	-15.1	23	22	-1
March	69	69	138	0	1.5	24	20	-3
April	69	74	143	-4	-5.5	24	19	-5
May	70	77	147	-17	-18.1	27	24	-3
June	70	90	160	-12	-11.4	31	18	-13
July	71	97	168	1	1.7	30	21	-9
August	72	90	161	-13	-12.3	24	32	8
September	71	101	172	-12	-9.7	31	18	-12
October	71	107	178	-9	-6.6	29	20	-9
November	71	110	182	-9	-5.2	21	23	1
December	70	72	142	-28	-28.0	18	55	36
Total	—	—	—	—	—	**296**	**320**	**24**
2001								
January	71	73	144	9	13.5	33	31	-1
February	69	67	136	1	1.1	19	27	8
March	69	53	122	-16	-23.6	20	34	14
April	69	71	140	-3	-4.4	33	15	-18
May	71	85	156	8	10.4	30	14	-16
June	71	85	155	-5	-5.1	26	25	-1
July	71	89	160	-8	-8.4	29	25	-4
August	71	86	157	-2	-2.7	27	29	2
September	71	100	171	0	-0.3	33	19	-14
October	71	108	180	1	0.8	33	24	-8
November	77	123	200	13	11.6	35	21	-14
December	77	115	191	43	59.4	19	28	9
Total	—	—	—	—	—	**337**	**293**	**-44**
2002								
January	77	93	170	19	26.2	24	46	22
February	77	74	151	7	10.9	20	38	18
March	77	65	142	12	22.3	27	36	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	19	-16
June	77	104	181	19	22.2	32	21	-10

[a] Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1996 Total[a]	—	—	—	—	—	**2,647**	**2,665**	**18**
1997 Total[a]	—	—	—	—	—	**2,533**	**2,551**	**18**
1998 Total[a]	—	—	—	—	—	**2,608**	**2,103**	**-504**
1999 Total[a]	—	—	—	—	—	**2,338**	**2,512**	**175**
2000								
January	4,310	1,696	6,006	-280	-14.8	44	791	748
February	4,309	1,238	5,547	-418	-25.8	60	511	451
March	4,295	1,084	5,379	-242	-19.0	116	271	156
April	4,293	1,129	5,422	-277	-20.4	167	127	-41
May	4,292	1,356	5,648	-387	-22.1	286	58	-228
June	4,291	1,627	5,918	-423	-20.5	318	47	-271
July	4,291	1,906	6,196	-380	-16.6	343	62	-281
August	4,289	2,109	6,399	-401	-15.9	281	77	-204
September	4,289	2,393	6,683	-420	-14.9	340	61	-278
October	4,289	2,625	6,913	-336	-11.3	300	68	-233
November	4,290	2,332	6,621	-620	-20.9	86	373	287
December	4,282	1,647	5,929	-779	-32.0	47	731	684
Total	—	—	—	—	—	**2,388**	**3,178**	**790**
2001								
January	4,273	1,192	5,465	-504	-29.7	60	528	468
February	4,259	846	5,105	-392	-31.5	52	382	330
March	4,232	688	4,920	-396	-36.3	93	259	166
April	4,192	921	5,113	-208	-17.0	312	54	-259
May	4,239	1,355	5,594	-1	0.4	458	27	-432
June	4,239	1,798	6,037	171	11.2	445	23	-421
July	4,245	2,172	6,417	266	14.4	411	39	-372
August	4,242	2,490	6,732	380	18.5	357	50	-307
September	4,247	2,844	7,091	450	19.9	376	22	-354
October	4,238	3,036	7,274	411	15.7	248	68	-180
November	4,224	3,131	7,354	799	34.3	188	117	-71
December	4,224	2,789	7,013	1,142	69.3	61	402	341
Total	—	—	—	—	—	**3,062**	**1,971**	**-1,091**
2002								
January	4,236	2,251	6,487	1,059	88.8	36	560	524
February	4,279	1,764	6,043	918	108.6	35	479	444
March	4,278	1,453	5,731	764	111.0	78	389	311
April	4,278	1,582	5,860	661	71.7	208	94	-114
May	4,284	1,875	6,159	520	38.4	346	39	-307
June	4,278	2,205	6,483	407	22.6	363	35	-328

[a] Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet)

State	2002					
	June	May	April	March	February	January
Alabama	2	-100	-257	271	108	210
Arkansas	-463	-504	-47	235	770	486
California	-12,551	-20,711	-20,680	5,245	4,939	39,393
Colorado	-3,290	700	-2,247	5,766	7,182	4,892
Illinois	-37,470	-26,234	8,790	26,990	49,634	58,536
Indiana	-2,988	-1,452	1,997	3,589	4,666	4,084
Iowa	-4,981	-701	363	7,122	15,015	21,622
Kansas	-11,587	-17,806	-6,721	12,651	17,130	19,274
Kentucky	-7,907	-9,766	400	10,669	11,384	8,665
Louisiana	-19,113	-33,062	-11,352	18,770	39,103	41,561
Maryland	-2,504	-780	427	2,121	1,352	2,722
Michigan	-58,362	-39,468	-10,433	74,426	73,014	84,521
Minnesota	0	0	134	375	332	304
Mississippi	-6,879	-8,184	-1,528	4,016	8,337	9,588
Missouri	13	10	215	1,089	825	-24
Montana	-3,915	-1,879	707	3,605	2,765	3,400
Nebraska	-601	-1,036	-261	1,628	679	1,267
New Mexico	1,211	-1,304	87	1,131	1,655	1,285
New York	-11,015	-6,751	-1,459	7,783	10,978	14,435
Ohio	-32,067	-25,799	-9,911	33,060	44,426	41,480
Oklahoma	-13,006	-25,468	-13,141	13,099	20,976	23,962
Oregon	-3,182	491	1,648	2,859	787	1,424
Pennsylvania	-49,766	-41,830	-16,389	46,264	62,974	61,675
Tennessee	2	7	0	-1	-1	-50
Texas	-14,881	-23,862	-25,965	10,269	27,590	36,821
Utah	-7,112	-7,913	-3,510	2,811	7,407	11,857
Virginia	-289	-537	-160	383	677	500
Washington	-2,918	-4,057	-3,810	849	4,145	7,037
West Virginia	-29,037	-22,101	-10,731	20,896	39,632	41,761
Wyoming	-3,920	-2,877	-2,081	2,175	3,197	3,239
AGA Regions						
Producing	-64,716	-110,290	-58,923	60,442	115,667	133,186
Eastern Consuming	-236,972	-176,437	-37,154	236,020	315,254	341,195
Western Consuming	-36,888	-36,245	-29,838	23,685	30,755	71,547
Total	**-338,575**	**-322,972**	**-125,916**	**320,146**	**461,676**	**545,928**

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001						
	Total	December	November	October	September	August	July
Alabama	-711	-11	-501	120	-17	-113	-154
Arkansas	-2,904	507	-90	-339	-579	-505	-740
California	-74,641	23,726	-13,104	-14,507	-9,385	-10,941	-20,929
Colorado	-7,388	1,048	-63	753	-5,021	-4,513	-4,182
Illinois	-24,866	47,266	43	-26,142	-33,582	-23,679	-20,442
Indiana	-5,686	3,777	-2,298	-3,809	-4,044	-2,916	-3,671
Iowa	-21,025	17,209	-3,118	-11,688	-13,710	-13,505	-10,141
Kansas	-46,721	12,355	-4,369	-1,268	-17,406	-7,572	-6,556
Kentucky	-36,233	6,206	12	-5,143	-8,975	-6,409	-9,956
Louisiana	-123,545	23,556	-20,514	-10,552	-34,844	-13,578	-24,699
Maryland	-4,265	1,619	-34	-1,310	-1,166	518	-2,572
Michigan	-226,068	65,214	-8,308	-42,469	-72,648	-79,175	-87,034
Minnesota	-605	3	-134	-174	-232	-259	-328
Mississippi	-11,441	4,205	-2,504	1,082	-4,068	-1,986	-5,355
Missouri	-904	254	-255	-248	-348	-589	13
Montana	-9,117	3,890	503	-1,573	-4,853	-4,966	-5,523
Nebraska	-2,349	831	-45	-361	-1,250	-364	-339
New Mexico	-9,476	645	-1,059	-173	-891	13	93
New York	-16,354	8,628	-1,337	-3,374	-6,343	-5,574	-10,233
Ohio	-61,585	31,110	2,950	-9,844	-26,370	-32,266	-37,878
Oklahoma	-71,523	10,886	-2,795	-4,003	-17,906	-8,596	-10,224
Oregon	-2,624	1,572	-766	0	-852	-1,860	-2,293
Pennsylvania	-92,474	48,277	-9,455	-18,022	-39,267	-25,406	-50,422
Tennessee	-337	1	-30	-100	-62	-47	-63
Texas	-176,609	-136	-15,122	-21,203	-28,769	-24,185	-21,624
Utah	-12,511	9,619	3,189	-280	-7,384	-5,939	-7,179
Virginia	-1,097	277	-27	-32	-271	-322	-244
Washington	-2,821	-102	145	1,030	-1,450	-1,343	372
West Virginia	-79,928	25,006	-5,364	-12,915	-22,496	-25,939	-31,290
Wyoming	-8,570	2,853	-1,029	-2,113	-3,691	-3,143	-2,866
AGA Regions							
Producing	-442,931	52,006	-46,954	-36,337	-104,480	-56,521	-69,260
Eastern Consuming	-573,164	255,676	-27,260	-135,455	-230,533	-215,675	-264,271
Western Consuming	-118,276	42,609	-11,260	-16,864	-32,867	-32,963	-42,930
Total	**-1,134,378**	**350,291**	**-85,481**	**-188,656**	**-367,879**	**-305,159**	**-376,461**

See footnotes at end of table.

Table 13

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001						2000
	June	May	April	March	February	January	Total
Alabama	-576	44	-195	604	-241	330	430
Arkansas	-879	-992	-604	139	391	785	3,033
California	-29,462	-27,438	-17,361	-14,822	20,542	39,041	47,960
Colorado	-4,069	-2,301	660	1,787	4,374	4,138	8,613
Illinois	-25,936	-30,943	-12,251	14,412	43,450	42,940	24,165
Indiana	-3,159	-1,372	1,366	2,616	3,544	4,279	3,892
Iowa	-6,017	-5,532	-2,900	3,712	8,167	16,496	13,560
Kansas	-13,884	-14,428	-11,364	4,933	16,056	-3,218	34,047
Kentucky	-12,782	-11,456	-4,039	6,901	2,626	6,783	30,198
Louisiana	-30,405	-25,730	-22,513	5,213	96	30,425	96,201
Maryland	-3,098	-2,653	-1,402	1,215	2,382	2,235	4,383
Michigan	-80,530	-71,545	-36,155	43,738	76,815	66,029	146,588
Minnesota	-319	-152	23	154	323	489	306
Mississippi	-6,274	-2,821	-8,549	10,930	1,071	2,828	1,853
Missouri	-1,063	17	-51	1,242	379	-255	567
Montana	-4,034	-2,902	-1	1,629	4,504	4,208	13,911
Nebraska	-956	-1,908	-1,077	573	1,456	1,090	4,366
New Mexico	-403	-2,645	-1,573	-1,851	-1,657	25	-561
New York	-11,212	-13,541	-6,630	8,160	11,920	13,182	9,824
Ohio	-32,303	-33,094	-15,734	22,906	27,160	41,777	48,330
Oklahoma	-23,745	-28,938	-23,624	415	12,522	24,484	88,353
Oregon	-2,561	-2,151	810	962	2,264	2,252	212
Pennsylvania	-55,959	-66,462	-43,608	47,171	51,475	69,205	47,204
Tennessee	-31	-113	-103	69	82	59	59
Texas	-34,795	-40,985	-43,016	2,704	8,957	41,565	127,251
Utah	-6,356	-7,254	-4,428	-2,807	4,031	12,277	6,537
Virginia	-402	-532	-434	283	92	517	471
Washington	-200	-8,283	-2,300	592	6,110	2,608	1,932
West Virginia	-28,838	-39,499	-18,243	16,521	26,341	36,787	42,171
Wyoming	-1,800	-2,052	-1,073	534	2,586	3,225	8,063
AGA Regions							
Producing	-110,961	-116,493	-111,438	23,088	37,194	97,224	350,177
Eastern Consuming	-262,286	-278,633	-141,259	169,519	255,889	301,124	376,207
Western Consuming	-48,800	-52,532	-23,671	-11,971	44,735	68,237	87,535
Total	**-422,046**	**-447,658**	**-276,368**	**180,636**	**337,818**	**466,585**	**813,920**

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2000						
	December	November	October	September	August	July	June
Alabama	85	203	142	110	0	-82	-606
Arkansas	2,077	432	-397	-268	-680	-649	-444
California	6,493	27,309	-10,735	-1,623	19,420	199	-7,106
Colorado	4,969	4,003	-2,003	-2,248	-4,811	-4,606	-4,583
Illinois	49,235	25,535	-33,495	-30,571	-27,776	-27,774	-32,238
Indiana	7,120	-608	-4,297	-3,323	-2,698	-2,195	-1,910
Iowa	23,122	11,086	-13,898	-13,240	-12,021	-11,254	-6,094
Kansas	25,577	20,998	-18,438	-16,047	-1,042	-9,926	-9,640
Kentucky	23,027	11,187	-8,599	-10,707	-6,537	-10,798	-6,282
Louisiana	67,565	12,336	-23,895	-20,965	-12,990	-23,235	-22,813
Maryland	5,151	1,323	-288	-44	-2,241	-2,005	-2,994
Michigan	127,858	48,638	-37,897	-46,387	-53,184	-50,105	-45,757
Minnesota	567	-92	-199	-266	-277	-343	-132
Mississippi	14,228	4,503	-4,386	-4,632	-3,418	-5,252	-5,228
Missouri	1,078	-191	-353	-711	209	16	19
Montana	5,173	3,722	51	-958	-2,264	-2,041	-457
Nebraska	1,124	1,622	-503	-764	225	-620	1,077
New Mexico	418	-295	-905	-50	1,040	800	-793
New York	17,276	5,062	-4,026	-7,909	-7,493	-10,091	-10,009
Ohio	61,149	24,034	-10,060	-23,823	-25,180	-33,397	-30,291
Oklahoma	42,630	16,307	-13,209	-12,480	660	-2,396	-12,742
Oregon	1,565	849	-720	-720	-2,074	-2,270	-2,101
Pennsylvania	96,037	21,869	-26,640	-47,265	-32,778	-52,039	-42,636
Tennessee	-12	-86	-114	-49	0	0	0
Texas	67,839	12,680	-16,995	-12,544	12,106	1,215	-6,612
Utah	10,861	9,016	1,000	-5,592	-6,633	-6,747	-5,792
Virginia	789	354	-251	-202	-222	-222	-224
Washington	-1,986	3,781	1,188	-2,835	909	-3,739	-3,660
West Virginia	55,132	20,788	-11,762	-24,203	-25,366	-29,171	-23,246
Wyoming	3,611	1,933	336	-360	-897	-553	-1,168
AGA Regions							
Producing	220,332	66,960	-78,226	-66,987	-4,324	-39,442	-58,272
Eastern Consuming	468,171	170,818	-152,040	-209,087	-195,064	-229,737	-201,190
Western Consuming	31,251	50,522	-11,083	-14,602	3,374	-20,100	-24,998
Total	**719,754**	**288,299**	**-241,349**	**-290,675**	**-196,014**	**-289,278**	**-284,459**

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2000 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 14

Table 14. Activities of Underground Natural Gas Storage Operators, by State, June 2002

(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	5,280	2,690	2,076	4,766	692	50.0	54	56
Arkansas	22,000	8,715	6,263	14,979	1,268	25.4	463	0
California	475,720	236,466	202,336	438,803	49,202	32.1	16,156	3,605
Colorado	100,227	47,655	22,949	70,604	-649	-2.7	3,997	707
Illinois	898,565	666,632	141,616	808,248	1,438	1.0	38,868	1,398
Indiana	109,310	77,477	19,252	96,728	-1,300	-6.3	3,142	155
Iowa	273,200	201,750	10,818	212,568	-7,521	-41.0	5,622	641
Kansas	301,502	178,385	72,676	251,061	12,406	20.6	13,029	1,442
Kentucky	219,914	139,873	55,065	194,938	-19,883	-26.5	7,994	87
Louisiana	580,037	272,860	216,832	489,692	55,643	34.5	30,691	11,578
Maryland	62,000	46,677	9,800	56,477	293	3.1	2,535	31
Michigan	1,070,717	459,048	372,511	831,559	88,561	31.2	58,906	544
Minnesota	7,000	4,840	1,010	5,850	-20	-1.9	0	0
Mississippi	134,012	77,715	47,123	124,838	3,072	7.0	8,553	1,674
Missouri	31,878	21,600	7,943	29,543	-955	-10.7	4	17
Montana	371,510	179,526	17,031	196,556	-4,061	-19.3	4,905	990
Nebraska	39,469	26,995	4,487	31,482	-149	-3.2	898	297
New Mexico	96,600	29,766	10,389	40,155	1,237	13.5	458	1,669
New York	175,496	96,342	55,484	151,825	4,397	8.6	11,331	315
Ohio	573,784	344,043	109,926	453,969	21,567	24.4	32,590	523
Oklahoma	382,037	208,376	130,675	339,050	30,157	30.0	15,758	2,751
Oregon	21,080	9,352	6,129	15,480	167	2.8	3,182	0
Pennsylvania	713,818	344,097	278,882	622,979	40,610	17.0	54,647	4,881
Tennessee	1,200	340	622	962	-16	-2.5	0	2
Texas	699,324	246,979	300,541	547,520	97,377	47.9	37,186	22,306
Utah	129,480	64,691	31,444	96,135	4,583	17.1	7,277	165
Virginia	4,967	2,387	1,899	4,285	30	1.6	299	10
Washington	37,300	19,000	15,680	34,680	-110	-0.7	3,234	316
West Virginia	733,126	276,130	129,623	405,753	33,504	34.9	29,305	268
Wyoming	105,869	64,807	27,096	91,903	14,204	110.2	3,936	16
AGA Regions								
Producing	2,220,792	1,025,486	786,575	1,812,061	203,235	34.8	106,193	41,477
Eastern Consuming	4,907,444	2,703,389	1,197,927	3,901,316	159,192	15.3	246,142	9,171
Western Consuming	1,248,185	626,337	323,674	950,010	63,317	24.3	42,687	5,799
Total	**8,376,420**	**4,355,213**	**2,308,175**	**6,663,387**	**425,744**	**22.6**	**395,022**	**56,447**

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				May	April	March
Alabama	28,489	33,779	27,976	1,606	3,315	7,033
Alaska	8,751	7,686	8,100	989	1,453	2,185
Arizona	23,184	23,972	21,131	1,718	2,678	4,531
Arkansas	NA	23,470	21,285	NA	NA	NA
California	279,418	286,479	265,712	34,653	43,114	58,010
Colorado	NA	81,266	66,951	5,094	NA	17,031
Connecticut	NA	25,727	24,915	2,022	3,702	4,736
Delaware	5,737	6,732	6,280	460	909	1,286
District of Columbia	7,316	10,086	9,662	559	798	1,648
Florida	8,523	9,761	8,404	909	1,252	1,954
Georgia	65,345	74,233	68,488	4,822	5,755	13,698
Hawaii	238	232	239	44	49	48
Idaho	12,721	12,188	10,948	1,237	1,795	2,797
Illinois	267,688	260,489	245,186	23,423	42,614	65,402
Indiana	93,073	NA	91,701	8,643	14,105	21,786
Iowa	42,765	47,170	40,764	3,521	6,509	10,467
Kansas	44,416	49,844	41,842	2,965	6,316	10,662
Kentucky	32,996	34,580	33,529	1,691	3,667	8,162
Louisiana	NA	33,391	26,915	NA	NA	NA
Maine	551	582	586	49	R88	134
Maryland	NA	52,151	48,288	3,087	4,739	9,704
Massachusetts	65,409	77,507	70,872	6,854	10,259	14,639
Michigan	217,916	229,704	217,826	23,198	35,940	49,969
Minnesota	76,006	77,906	69,553	7,835	10,885	19,906
Mississippi	17,109	19,182	15,585	1,019	2,147	4,154
Missouri	72,719	81,482	69,249	5,173	10,616	16,977
Montana	12,809	12,142	10,800	1,412	2,079	3,207
Nebraska	27,234	30,747	25,626	1,839	4,222	6,223
Nevada	19,396	19,035	16,154	1,753	2,405	3,726
New Hampshire	4,132	4,687	4,595	445	653	934
New Jersey	119,328	138,577	129,807	9,956	17,515	R27,256
New Mexico	17,759	17,570	17,556	1,266	1,409	3,694
New York	223,483	246,262	242,093	25,856	38,011	50,929
North Carolina	35,235	39,140	38,403	1,771	4,110	7,872
North Dakota	6,722	6,165	6,341	641	1,028	1,761
Ohio	191,800	207,140	196,655	16,745	28,966	45,040
Oklahoma	NA	46,247	38,311	NA	6,630	NA
Oregon	24,461	23,882	23,241	2,776	3,851	5,257
Pennsylvania	136,647	162,888	153,290	12,207	22,193	31,719
Rhode Island	NA	12,482	12,029	1,268	1,858	2,976
South Carolina	17,553	19,457	17,945	832	1,901	4,261
South Dakota	7,679	7,692	6,911	757	1,231	1,941
Tennessee	45,875	46,974	40,557	2,087	5,347	11,326
Texas	125,422	141,288	105,742	7,587	15,490	30,253
Utah	33,060	29,848	26,926	2,277	3,244	7,740
Vermont	1,701	1,873	1,818	182	312	346
Virginia	41,181	48,889	45,958	2,773	4,365	9,394
Washington	45,845	43,125	42,108	5,537	R7,879	R10,270
West Virginia	NA	21,304	20,319	2,520	3,433	5,605
Wisconsin	78,469	81,392	72,977	7,853	11,317	20,423
Wyoming	NA	6,580	6,680	815	1,269	NA
Total	**2,868,658**	**3,070,147**	**2,814,833**	**258,793**	**R418,203**	**R666,403**

See footnotes at end of table.

Table 15

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002		2001			
	February	January	Total	December	November	October
Alabama	7,640	8,895	47,543	4,341	2,986	1,711
Alaska	1,998	2,125	16,799	2,783	2,185	1,661
Arizona	6,659	7,599	36,122	5,012	1,653	1,153
Arkansas	7,325	NA	37,127	6,074	2,753	1,301
California	64,134	79,507	508,265	63,738	38,751	28,974
Colorado	19,643	21,658	123,893	17,192	8,570	4,079
Connecticut	NA	6,197	NA	NA	NA	2,120
Delaware	1,385	1,697	9,379	833	628	341
District of Columbia	1,988	2,324	14,297	1,353	950	471
Florida	1,893	2,516	15,623	1,202	985	764
Georgia	19,102	21,969	123,342	17,132	8,841	8,108
Hawaii	48	49	537	47	43	40
Idaho	3,442	3,450	19,076	2,820	1,597	712
Illinois	64,032	72,217	NA	NA	34,296	26,298
Indiana	21,741	26,798	NA	18,917	11,418	7,965
Iowa	10,288	11,981	71,305	9,450	4,785	3,523
Kansas	11,197	13,277	70,546	8,416	3,837	2,057
Kentucky	9,346	10,130	56,778	9,494	5,087	3,162
Louisiana	NA	8,322	NA	NA	NA	NA
Maine	138	141	NA	132	NA	54
Maryland	R11,882	NA	NA	NA	6,205	5,110
Massachusetts	16,360	17,297	109,204	8,703	6,927	4,565
Michigan	49,807	59,002	352,143	41,753	28,909	19,055
Minnesota	16,809	20,571	124,890	17,729	9,659	7,548
Mississippi	3,929	5,860	27,556	2,798	1,887	914
Missouri	18,792	21,161	115,618	13,235	6,963	3,838
Montana	2,799	3,313	20,102	2,946	1,838	1,158
Nebraska	6,220	8,729	45,378	4,191	4,793	1,742
Nevada	5,642	5,871	32,609	5,895	2,186	1,251
New Hampshire	1,053	1,047	6,947	766	492	302
New Jersey	30,266	34,336	208,449	23,913	15,898	9,200
New Mexico	6,135	5,256	32,374	6,493	2,933	1,561
New York	52,455	56,231	R376,825	R42,984	R27,715	R16,885
North Carolina	9,570	11,913	57,250	6,402	4,563	2,498
North Dakota	1,455	1,837	10,674	1,712	1,010	779
Ohio	47,274	53,775	314,033	37,549	23,958	16,164
Oklahoma	12,908	NA	R65,116	7,707	3,417	1,897
Oregon	6,096	6,480	38,369	5,275	3,343	1,443
Pennsylvania	33,327	37,202	240,614	27,155	17,649	11,241
Rhode Island	2,648	NA	17,937	1,609	1,153	617
South Carolina	4,632	5,926	26,955	2,516	2,054	887
South Dakota	1,726	2,024	12,295	1,795	970	668
Tennessee	12,157	14,959	66,745	8,112	4,579	2,221
Texas	29,456	42,635	221,573	31,816	13,981	8,436
Utah	9,276	10,522	55,331	10,135	5,608	3,489
Vermont	441	419	2,719	270	203	91
Virginia	11,122	13,527	71,151	7,355	5,335	3,174
Washington	R11,229	R10,931	84,668	15,978	11,144	5,692
West Virginia	5,765	NA	33,302	5,098	3,187	1,622
Wisconsin	17,975	20,900	130,302	18,656	9,669	8,093
Wyoming	1,439	2,365	11,064	1,511	1,048	722
Total	**R706,066**	**R819,193**	**R4,812,702**	**R615,293**	**R366,556**	**R240,436**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	September	August	July	June	May	April
Alabama	1,130	1,151	1,149	1,297	1,893	4,605
Alaska	818	538	519	609	980	1,182
Arizona	1,025	985	1,055	1,267	1,896	2,824
Arkansas	929	867	835	899	1,431	3,041
California	21,170	22,303	23,989	22,861	30,433	41,474
Colorado	2,816	2,462	3,044	4,464	8,234	12,557
Connecticut	883	1,007	803	1,208	1,309	3,644
Delaware	187	164	219	275	461	1,048
District of Columbia	331	313	351	442	595	1,390
Florida	700	702	728	781	955	1,310
Georgia	3,928	3,608	3,674	3,819	4,742	7,029
Hawaii	43	41	44	47	46	47
Idaho	423	341	412	584	1,063	1,794
Illinois	12,207	8,969	9,918	11,443	14,452	26,454
Indiana	NA	NA	NA	NA	NA	10,918
Iowa	1,585	1,316	1,546	1,929	2,639	5,559
Kansas	1,573	1,539	1,536	1,743	2,437	5,758
Kentucky	1,371	1,098	1,031	954	1,307	2,488
Louisiana	NA	NA	NA	1,719	2,183	3,698
Maine	32	25	25	22	49	61
Maryland	NA	1,819	[R]1,808	2,207	3,035	6,713
Massachusetts	2,858	2,366	2,765	3,514	5,835	13,605
Michigan	8,651	6,298	7,084	10,690	16,531	33,454
Minnesota	3,204	2,630	2,730	3,485	4,833	9,565
Mississippi	616	651	735	773	1,142	1,958
Missouri	2,524	2,166	2,366	3,043	3,840	9,594
Montana	502	404	416	696	1,047	1,906
Nebraska	870	905	950	1,180	2,564	4,596
Nevada	1,033	995	1,041	1,174	1,640	2,470
New Hampshire	185	149	154	214	386	784
New Jersey	5,254	4,821	4,780	6,006	9,242	20,570
New Mexico	1,003	839	1,008	966	1,190	1,948
New York	[R]10,213	[R]9,478	[R]9,839	[R]13,450	[R]18,831	[R]37,885
North Carolina	1,078	942	1,082	1,544	2,045	5,034
North Dakota	266	282	215	246	366	818
Ohio	6,867	6,140	7,420	8,794	12,305	27,986
Oklahoma	1,275	1,283	1,524	1,767	[R]2,354	5,434
Oregon	918	905	1,095	1,508	2,653	3,916
Pennsylvania	5,392	4,960	5,108	6,222	10,195	23,385
Rhode Island	506	450	476	644	1,030	2,133
South Carolina	512	470	492	567	992	2,620
South Dakota	278	276	247	369	547	1,039
Tennessee	1,264	1,146	1,161	1,288	1,970	5,352
Texas	5,565	7,779	5,729	6,979	8,492	15,626
Utah	1,610	1,448	1,411	1,782	1,888	4,120
Vermont	67	54	65	96	146	316
Virginia	1,493	1,580	1,520	1,805	2,377	5,712
Washington	1,864	1,731	2,113	3,021	4,899	7,278
West Virginia	775	462	398	456	994	3,502
Wisconsin	3,736	2,418	2,930	3,410	4,725	8,545
Wyoming	274	249	240	440	610	1,158
Total	**[R]129,559**	**[R]117,890**	**[R]124,689**	**[R]148,133**	**[R]210,522**	**[R]405,901**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001			2000		
	March	February	January	Total	December	November
Alabama	5,643	8,644	12,994	45,794	8,385	2,900
Alaska	1,817	1,824	1,883	15,979	2,013	1,748
Arizona	5,439	7,072	6,739	34,740	5,704	2,787
Arkansas	4,985	5,915	8,098	42,361	10,480	5,332
California	58,633	71,182	84,757	516,730	68,470	52,106
Colorado	17,892	20,481	22,102	116,363	20,693	10,855
Connecticut	6,135	6,215	8,425	41,534	6,755	3,793
Delaware	1,564	1,715	1,943	9,467	1,404	615
District of Columbia	2,178	2,544	3,379	15,437	2,557	1,069
Florida	1,510	2,635	3,351	15,133	1,940	994
Georgia	17,069	16,513	28,880	140,838	34,149	15,912
Hawaii	49	43	48	535	44	42
Idaho	2,379	3,455	3,497	19,131	3,272	2,147
Illinois	61,269	72,405	85,909	467,052	99,546	55,919
Indiana	21,871	24,627	33,033	160,027	32,663	15,481
Iowa	11,095	13,101	14,777	73,825	15,570	8,096
Kansas	11,650	12,213	17,787	70,589	14,343	5,601
Kentucky	9,204	8,955	12,626	64,662	15,301	8,161
Louisiana	5,473	8,840	13,197	49,744	9,497	4,251
Maine	143	154	175	1,037	176	96
Maryland	11,619	12,948	17,836	84,082	15,652	8,114
Massachusetts	18,455	18,490	21,123	114,077	16,794	9,077
Michigan	55,739	55,540	68,440	365,661	64,432	31,636
Minnesota	17,617	22,678	23,212	129,487	26,737	14,839
Mississippi	3,199	4,981	7,902	26,656	5,308	1,725
Missouri	17,971	21,190	28,888	115,353	23,334	9,293
Montana	2,583	3,330	3,276	20,072	3,475	2,406
Nebraska	6,229	7,494	9,864	41,715	6,890	3,620
Nevada	3,974	5,415	5,536	29,942	4,950	3,228
New Hampshire	1,061	1,132	1,324	7,274	1,033	566
New Jersey	32,905	33,583	42,276	219,878	37,333	20,021
New Mexico	2,762	5,561	6,109	35,921	6,450	4,663
New York	[R]58,630	[R]60,348	[R]70,568	404,203	61,679	34,303
North Carolina	7,881	9,527	14,653	63,897	12,523	5,969
North Dakota	1,267	1,934	1,781	10,963	1,904	1,120
Ohio	48,453	51,889	66,508	343,302	68,382	32,751
Oklahoma	9,987	12,033	[R]16,438	66,581	14,022	5,593
Oregon	5,048	5,941	6,324	38,698	6,028	3,552
Pennsylvania	38,071	39,900	51,338	262,770	46,947	23,666
Rhode Island	2,881	2,966	3,471	18,655	2,487	1,262
South Carolina	3,238	4,689	7,919	29,057	6,012	2,023
South Dakota	1,770	2,172	2,165	12,608	2,621	1,375
Tennessee	9,693	10,443	19,516	67,950	15,034	5,172
Texas	25,405	38,785	52,979	193,149	38,534	15,788
Utah	5,561	8,187	10,092	55,626	9,652	8,379
Vermont	420	446	544	2,843	376	210
Virginia	10,828	12,695	17,278	79,701	15,690	8,190
Washington	8,883	10,980	11,085	71,779	10,887	6,796
West Virginia	4,443	5,442	6,923	31,602	5,331	2,177
Wisconsin	21,640	22,782	23,699	135,023	27,792	15,542
Wyoming	1,101	1,846	1,865	12,177	2,076	1,302
Total	**[R]685,309**	**[R]783,881**	**[R]984,534**	**4,991,678**	**913,328**	**482,262**

[R] Revised Data.
[NA] Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				May	April	March
Alabama	NA	16,060	13,831	1,353	1,901	NA
Alaska	NA	8,418	12,989	NA	1,688	1,831
Arizona	17,215	16,331	16,203	2,399	2,779	3,482
Arkansas	NA	17,112	15,466	NA	NA	NA
California	116,619	119,822	112,190	20,446	20,574	22,685
Colorado	NA	42,895	33,378	3,020	NA	8,062
Connecticut	NA	24,997	25,237	2,263	3,804	4,916
Delaware	NA	4,079	3,102	NA	NA	NA
District of Columbia	8,902	9,954	9,748	969	1,247	2,030
Florida	23,746	23,549	22,183	4,011	4,478	5,175
Georgia	27,713	28,896	29,841	2,632	2,989	5,826
Hawaii	703	754	746	139	143	138
Idaho	9,285	8,264	7,256	870	1,386	2,091
Illinois	114,613	110,692	105,329	11,256	19,182	27,134
Indiana	45,747	NA	48,203	3,750	6,995	10,863
Iowa	26,205	28,635	24,298	2,086	3,885	6,436
Kansas	22,597	25,135	21,705	1,750	3,223	5,301
Kentucky	20,947	22,094	20,176	1,825	2,600	5,481
Louisiana	NA	13,265	12,696	NA	7,208	NA
Maine	NA	1,548	1,602	NA	NA	679
Maryland	NA	30,801	30,936	2,782	3,616	6,951
Massachusetts	42,674	37,706	35,694	5,626	8,226	8,517
Michigan	99,740	110,863	107,144	11,311	17,809	20,604
Minnesota	NA	56,070	50,154	6,149	9,366	NA
Mississippi	11,349	12,497	10,742	1,023	1,691	2,592
Missouri	39,088	42,188	36,055	4,053	5,728	8,756
Montana	8,661	8,043	7,334	977	1,449	2,076
Nebraska	16,690	16,987	15,694	1,670	3,063	4,044
Nevada	11,917	11,742	12,060	1,575	1,798	2,730
New Hampshire	NA	5,294	4,821	653	NA	1,195
New Jersey	77,008	86,275	88,383	10,873	12,326	14,247
New Mexico	15,076	14,539	13,346	1,627	2,395	3,415
New York	149,886	162,379	188,721	22,221	27,762	32,526
North Carolina	21,409	22,893	23,462	1,902	2,856	4,775
North Dakota	NA	5,859	5,848	656	980	NA
Ohio	92,972	110,003	101,419	9,417	14,572	22,678
Oklahoma	NA	27,614	22,789	1,729	3,696	NA
Oregon	16,954	16,512	15,994	2,042	2,642	3,449
Pennsylvania	79,624	84,801	82,133	8,609	13,511	17,933
Rhode Island	NA	8,085	7,649	824	1,151	NA
South Carolina	11,106	11,478	11,236	1,284	1,607	2,461
South Dakota	5,763	5,804	5,508	555	968	1,414
Tennessee	29,942	32,258	29,965	2,599	4,325	6,459
Texas	88,044	158,160	87,469	10,707	14,767	22,571
Utah	19,185	17,345	15,621	1,627	2,239	4,189
Vermont	1,448	1,589	1,578	161	249	294
Virginia	32,590	33,102	34,924	3,598	4,231	7,654
Washington	NA	28,289	27,345	3,769	4,143	NA
West Virginia	19,343	14,395	13,966	2,841	3,482	4,376
Wisconsin	44,983	47,805	42,642	4,513	6,634	11,404
Wyoming	6,176	5,530	5,352	630	1,000	1,391
Total	**1,664,411**	**1,795,817**	**1,672,161**	**192,395**	**270,548**	**376,661**

See footnotes at end of table.

Table 16

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002		2001			
	February	January	Total	December	November	October
Alabama	3,530	4,000	26,344	2,291	1,816	1,625
Alaska	1,782	1,970	18,327	2,533	2,148	1,687
Arizona	4,105	4,450	31,601	3,722	2,313	1,882
Arkansas	7,636	NA	32,050	3,684	2,888	2,072
California	24,573	28,341	247,188	25,418	18,980	18,243
Colorado	9,076	11,290	68,209	9,083	4,633	2,598
Connecticut	NA	5,464	NA	NA	NA	2,263
Delaware	892	1,039	6,218	571	433	317
District of Columbia	2,204	2,452	16,657	1,515	1,224	801
Florida	4,782	5,299	50,046	4,332	4,172	3,748
Georgia	7,566	8,700	51,713	6,450	4,086	3,607
Hawaii	138	145	1,749	136	137	138
Idaho	2,493	2,444	14,205	1,932	1,133	657
Illinois	26,191	30,850	NA	NA	14,389	12,107
Indiana	11,356	12,783	NA	9,205	6,280	5,007
Iowa	6,362	7,436	NA	NA	3,552	2,881
Kansas	5,633	6,690	38,930	4,255	2,290	1,571
Kentucky	5,567	5,473	35,555	4,618	2,829	1,783
Louisiana	4,524	4,382	24,776	2,477	1,664	1,561
Maine	701	735	2,558	329	256	140
Maryland	NA	NA	52,839	R5,148	4,066	3,538
Massachusetts	10,392	9,914	NA	NA	4,722	3,222
Michigan	24,282	25,734	175,657	19,320	13,386	9,549
Minnesota	11,181	12,941	92,616	12,119	6,442	6,089
Mississippi	2,814	3,229	NA	1,964	NA	1,211
Missouri	9,749	10,802	64,937	7,426	4,148	2,767
Montana	1,898	2,260	13,311	1,771	1,147	725
Nebraska	4,328	3,584	26,911	3,183	1,677	1,020
Nevada	2,789	3,026	22,825	2,788	1,795	1,407
New Hampshire	1,296	1,272	R7,853	R921	R605	262
New Jersey	18,908	20,655	136,617	14,245	10,385	6,907
New Mexico	3,981	3,658	24,864	3,348	1,469	1,390
New York	33,808	33,569	332,059	25,122	20,263	20,321
North Carolina	5,587	6,287	38,555	4,053	2,971	2,299
North Dakota	1,374	1,747	10,552	1,641	1,006	788
Ohio	23,735	22,570	171,937	20,210	11,018	9,910
Oklahoma	6,986	NA	R42,598	R4,167	R2,249	R1,772
Oregon	3,969	4,853	43,665	3,349	4,673	4,063
Pennsylvania	19,527	20,045	137,064	15,610	10,145	8,349
Rhode Island	1,641	NA	12,805	1,223	935	636
South Carolina	2,739	3,016	20,599	1,868	1,597	1,300
South Dakota	1,309	1,518	9,710	1,379	780	600
Tennessee	7,390	9,170	49,973	4,663	3,064	2,297
Texas	16,135	23,864	R269,481	R20,605	R12,613	R13,573
Utah	5,275	5,854	31,206	5,296	2,895	1,850
Vermont	383	362	2,473	241	189	108
Virginia	8,130	8,978	59,344	6,519	5,205	3,752
Washington	NA	8,814	NA	9,237	NA	NA
West Virginia	3,986	4,658	27,803	3,713	2,577	2,563
Wisconsin	10,392	12,040	78,833	10,359	5,906	5,292
Wyoming	994	2,161	9,195	939	1,049	584
Total	**392,027**	**432,780**	**R3,160,979**	**R335,045**	**R227,898**	**R193,028**

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	September	August	July	June	May	April
Alabama	1,177	1,101	1,079	1,194	1,504	2,319
Alaska	998	856	814	873	1,279	1,410
Arizona	1,834	1,767	1,781	1,972	2,317	2,810
Arkansas	1,841	1,693	1,215	1,546	1,319	1,784
California	16,253	17,221	15,534	15,716	16,985	26,490
Colorado	2,033	1,799	2,251	2,917	4,718	6,845
Connecticut	NA	1,949	1,632	2,471	2,386	4,268
Delaware	203	175	197	242	312	663
District of Columbia	781	628	903	851	1,119	1,937
Florida	3,666	3,475	3,462	3,641	3,973	4,240
Georgia	2,245	2,138	2,118	2,174	2,443	3,362
Hawaii	145	140	148	151	145	150
Idaho	485	502	572	660	922	1,193
Illinois	7,862	6,349	6,170	6,217	7,787	12,159
Indiana	NA	NA	NA	NA	NA	5,485
Iowa	1,613	995	NA	1,425	1,811	3,538
Kansas	1,369	1,451	1,576	1,282	1,491	3,107
Kentucky	1,147	1,124	1,023	937	1,402	2,360
Louisiana	1,496	1,383	1,390	1,539	1,666	2,072
Maine	84	69	68	64	107	194
Maryland	R2,370	2,184	2,317	2,415	2,905	4,619
Massachusetts	2,785	2,321	2,157	2,668	3,908	6,724
Michigan	6,002	5,163	5,218	6,157	8,669	16,610
Minnesota	2,999	2,955	2,773	3,170	4,156	7,444
Mississippi	NA	1,124	1,060	1,019	1,175	1,579
Missouri	2,147	1,991	2,064	2,206	2,705	5,395
Montana	387	363	383	492	767	1,254
Nebraska	963	909	1,040	1,132	1,508	2,814
Nevada	1,236	1,255	1,254	1,347	1,553	1,970
New Hampshire	233	219	128	190	510	990
New Jersey	5,181	4,278	4,881	4,463	7,525	13,566
New Mexico	1,044	967	1,020	1,087	1,420	2,600
New York	25,847	24,807	22,619	30,702	29,525	25,816
North Carolina	1,660	1,478	1,606	1,594	2,047	3,190
North Dakota	325	316	336	280	400	810
Ohio	5,598	4,650	5,159	5,389	7,509	14,670
Oklahoma	R1,578	R1,763	R1,904	R1,551	R2,010	R3,670
Oregon	3,562	3,492	4,058	3,956	2,032	2,755
Pennsylvania	4,770	4,235	4,128	5,025	6,681	12,504
Rhode Island	491	464	460	511	743	1,382
South Carolina	1,117	1,063	1,067	1,109	1,317	1,834
South Dakota	282	295	268	303	410	802
Tennessee	2,025	1,738	2,022	1,907	2,173	4,400
Texas	R12,214	18,867	16,616	16,834	27,570	21,873
Utah	982	932	934	973	1,385	2,538
Vermont	92	72	74	108	136	276
Virginia	2,944	2,757	2,512	2,553	3,035	4,711
Washington	8,576	8,523	9,290	9,848	3,863	4,948
West Virginia	1,288	1,138	832	1,297	1,241	2,637
Wisconsin	2,592	2,007	2,314	2,559	3,161	5,576
Wyoming	299	203	247	344	469	863
Total	**R152,259**	**R149,544**	**R145,595**	**R161,791**	**R189,237**	**R267,201**

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001			2000		
	March	February	January	Total	December	November
Alabama	2,949	3,903	5,385	25,344	3,814	1,867
Alaska	1,894	1,839	1,995	26,424	3,068	2,636
Arizona	3,466	3,759	3,981	32,211	3,650	2,403
Arkansas	3,945	4,216	5,848	33,181	6,255	3,970
California	22,690	25,858	27,800	250,947	24,997	24,057
Colorado	9,385	10,179	11,768	60,909	9,864	5,955
Connecticut	5,652	5,993	6,697	48,579	6,598	4,338
Delaware	1,007	952	1,145	5,127	704	421
District of Columbia	2,198	2,271	2,429	17,744	2,174	1,236
Florida	4,551	5,257	5,528	47,973	4,774	3,954
Georgia	6,576	6,486	10,029	59,334	11,102	5,923
Hawaii	154	151	154	1,771	145	152
Idaho	1,594	2,238	2,318	13,451	2,117	1,415
Illinois	26,168	30,068	34,511	201,835	37,604	21,467
Indiana	NA	NA	NA	90,427	17,488	8,877
Iowa	6,633	7,762	8,891	45,597	9,008	4,830
Kansas	5,747	6,595	8,195	39,650	7,127	3,348
Kentucky	4,906	5,480	7,947	38,670	8,089	4,089
Louisiana	2,424	3,169	3,933	25,673	3,596	2,152
Maine	358	408	481	2,770	439	249
Maryland	6,629	7,092	9,556	55,748	8,042	4,816
Massachusetts	8,588	8,839	9,648	63,798	8,390	5,170
Michigan	25,979	27,509	32,095	186,084	29,408	15,210
Minnesota	13,019	15,176	16,275	94,536	16,756	10,478
Mississippi	2,486	3,000	4,257	21,379	3,336	1,799
Missouri	9,201	10,942	13,945	62,856	10,701	4,989
Montana	965	2,796	2,261	13,538	2,131	1,471
Nebraska	4,218	4,666	3,782	28,462	5,212	2,112
Nevada	2,549	2,817	2,853	25,637	2,771	2,431
New Hampshire	1,201	1,405	1,187	8,323	977	931
New Jersey	19,385	21,369	24,431	158,544	22,681	12,531
New Mexico	2,510	3,989	4,021	27,609	3,945	2,589
New York	33,461	36,187	37,390	410,454	40,591	32,761
North Carolina	4,630	5,346	7,680	43,105	6,823	3,963
North Dakota	1,078	1,791	1,780	10,795	1,961	1,136
Ohio	24,756	29,422	33,647	178,024	31,211	16,280
Oklahoma	6,149	6,875	8,910	43,347	7,351	3,413
Oregon	3,470	3,967	4,288	28,643	4,076	2,457
Pennsylvania	20,029	20,575	25,012	145,364	23,427	13,074
Rhode Island	1,882	1,930	2,149	12,998	1,749	999
South Carolina	2,195	2,542	3,589	22,107	3,148	1,784
South Dakota	1,404	1,676	1,512	10,120	1,920	1,066
Tennessee	6,121	7,729	11,835	53,202	8,430	4,422
Texas	29,807	35,900	43,011	185,828	24,896	14,895
Utah	3,315	4,551	5,556	31,426	5,205	4,320
Vermont	356	374	447	2,595	327	212
Virginia	7,199	7,950	10,207	66,161	10,029	6,545
Washington	5,683	6,745	7,049	50,573	6,488	5,338
West Virginia	2,969	3,379	4,169	26,168	3,536	2,209
Wisconsin	12,678	12,640	13,749	81,146	15,464	9,095
Wyoming	1,212	1,378	1,608	9,767	1,368	1,079
Total	**387,695**	**439,221**	**512,463**	**3,225,955**	**474,960**	**292,916**

R Revised Data.
NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				May	April	March
Alabama	70,449	68,332	86,270	13,725	R13,707	R14,511
Alaska	28,543	30,714	30,317	6,278	5,188	5,085
Arizona	8,739	11,406	10,101	1,616	1,618	1,752
Arkansas	48,099	52,346	60,505	9,219	9,431	10,569
California	387,199	561,136	457,772	72,827	69,617	84,892
Colorado	NA	41,196	39,457	11,912	NA	NA
Connecticut	NA	10,808	15,961	2,420	NA	NA
Delaware	NA	11,277	15,602	909	NA	NA
District of Columbia	0	0	0	0	0	0
Florida	57,211	51,327	62,103	10,941	12,642	11,519
Georgia	61,361	61,281	75,378	12,737	12,076	12,880
Hawaii	206	231	227	43	42	39
Idaho [a]	12,555	13,685	14,443	2,299	2,377	2,561
Illinois	138,293	136,988	152,417	24,665	28,850	30,251
Indiana	117,357	117,307	139,904	19,931	22,415	24,920
Iowa	39,943	43,462	43,825	7,383	7,883	8,183
Kansas	37,911	39,569	43,430	7,748	6,855	8,086
Kentucky	41,400	43,004	46,820	8,082	7,401	8,487
Louisiana	NA	438,791	355,430	NA	87,427	95,915
Maine	NA	714	1,576	NA	NA	28
Maryland	NA	13,603	18,751	2,583	3,534	3,901
Massachusetts	49,465	62,315	67,974	9,287	7,257	12,909
Michigan	128,381	135,759	147,555	22,373	25,545	25,610
Minnesota	36,319	38,211	44,822	6,714	7,590	7,427
Mississippi	40,969	41,728	50,920	7,904	7,893	8,849
Missouri	30,806	32,584	31,919	5,698	5,724	7,033
Montana	9,878	9,981	11,365	1,622	2,229	1,881
Nebraska	14,081	14,717	17,179	2,752	2,687	2,280
Nevada	31,840	17,157	16,797	5,314	4,889	7,404
New Hampshire	1,531	1,614	2,296	312	293	350
New Jersey	76,526	73,104	93,905	13,471	15,889	16,102
New Mexico	8,067	14,463	10,396	1,466	1,510	1,517
New York	NA	125,018	143,123	19,393	NA	23,648
North Carolina	42,388	34,064	47,770	8,029	7,792	8,953
North Dakota	5,854	8,146	6,036	1,130	1,071	1,119
Ohio	117,980	135,492	154,316	22,775	21,917	23,935
Oklahoma	NA	62,550	76,373	8,949	8,840	NA
Oregon	39,268	42,097	48,001	6,685	7,599	8,509
Pennsylvania	93,843	95,189	113,455	16,382	17,224	19,674
Rhode Island	21,876	20,656	24,871	4,186	3,068	4,075
South Carolina	41,633	29,116	45,290	8,163	8,004	8,558
South Dakota	1,781	3,872	2,103	264	341	486
Tennessee	50,451	57,611	54,478	8,752	9,376	9,345
Texas	NA	765,655	857,052	171,429	NA	NA
Utah	11,674	15,199	17,253	2,192	2,023	2,353
Vermont	1,427	1,113	1,602	224	240	311
Virginia	32,885	28,639	42,241	7,297	7,371	5,208
Washington	NA	57,124	53,616	6,708	6,827	9,677
West Virginia	NA	17,332	20,301	1,473	1,489	1,565
Wisconsin	68,915	72,656	74,893	11,101	12,554	15,417
Wyoming	NA	12,509	19,171	3,039	NA	1,943
Total	**3,667,422**	**3,772,848**	**3,967,362**	**687,214**	**R692,498**	**R757,401**

See footnotes at end of table.

Table 17

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002		2001			
	February	January	Total	December	November	October
Alabama	R14,121	R14,385	R156,131	R12,880	R11,497	R13,702
Alaska	5,757	6,235	72,352	5,757	5,339	5,720
Arizona	1,804	1,949	25,912	2,138	1,814	1,676
Arkansas	9,546	9,333	124,619	11,791	11,329	11,925
California	74,271	85,592	1,325,103	98,074	88,425	103,404
Colorado	NA	NA	R83,340	R6,153	R6,567	R5,018
Connecticut	2,202	3,132	24,757	1,602	2,042	2,107
Delaware	1,916	2,266	25,769	2,106	2,317	2,529
District of Columbia	0	0	0	0	0	0
Florida	10,653	11,457	127,590	10,286	11,437	10,498
Georgia	11,711	11,957	150,311	11,565	11,656	13,489
Hawaii	40	42	532	42	37	41
Idaho [a]	2,553	2,765	29,794	2,539	2,462	2,377
Illinois	27,460	27,067	NA	NA	24,037	25,415
Indiana	24,365	25,727	NA	23,373	21,048	21,265
Iowa	7,896	8,599	NA	NA	8,271	7,856
Kansas	7,503	7,720	95,009	7,414	7,277	6,766
Kentucky	8,622	8,808	93,411	8,611	8,039	7,233
Louisiana	90,947	98,617	1,090,032	99,671	96,739	100,335
Maine	0	1	2,414	332	261	308
Maryland	R3,605	NA	NA	NA	R3,081	NA
Massachusetts	8,062	11,950	NA	NA	10,883	11,256
Michigan	27,215	27,638	292,033	26,295	25,389	22,066
Minnesota	7,021	7,568	87,449	7,574	7,868	7,598
Mississippi	7,921	8,402	NA	7,984	NA	6,995
Missouri	5,870	6,480	69,243	7,387	5,448	5,059
Montana	2,074	2,071	20,884	1,969	2,086	1,555
Nebraska	3,117	3,244	39,200	3,079	3,909	2,532
Nevada	7,311	6,922	49,174	4,184	4,115	5,412
New Hampshire	267	309	R3,681	R395	354	321
New Jersey	15,497	15,567	189,987	15,291	17,125	16,676
New Mexico	1,905	1,670	34,676	2,363	2,436	1,905
New York	23,697	22,316	NA	NA	NA	22,284
North Carolina	8,759	8,856	88,705	8,442	7,954	8,989
North Dakota	1,117	1,417	17,788	1,122	1,070	1,463
Ohio	24,122	25,231	285,933	28,054	23,139	22,320
Oklahoma	11,107	9,970	122,795	8,183	7,796	8,660
Oregon	8,691	7,783	99,393	8,257	7,852	12,016
Pennsylvania	18,795	21,767	216,124	19,828	18,003	17,709
Rhode Island	4,646	5,901	59,140	6,000	4,522	5,999
South Carolina	8,373	8,535	79,366	7,761	7,229	8,408
South Dakota	318	372	6,863	370	361	374
Tennessee	11,755	11,223	134,764	12,127	11,657	13,539
Texas	178,887	193,626	1,996,502	182,209	171,698	189,280
Utah	2,450	2,655	33,858	2,423	2,588	3,045
Vermont	317	335	2,659	316	266	240
Virginia	6,429	6,581	NA	9,776	NA	NA
Washington	NA	9,058	NA	8,157	9,297	NA
West Virginia	1,498	NA	40,979	3,498	4,599	2,609
Wisconsin	14,101	15,743	148,926	13,889	12,256	12,491
Wyoming	2,722	3,058	30,142	2,872	2,629	2,671
Total	**R740,451**	**R789,858**	**R8,994,553**	**R764,049**	**R732,059**	**R776,197**

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	September	August	July	June	May	April
Alabama	R12,479	R12,607	R12,248	R12,386	R13,066	R13,203
Alaska	6,144	6,807	6,637	5,235	5,728	6,151
Arizona	1,825	1,984	2,804	2,266	2,379	2,002
Arkansas	9,830	9,468	8,923	9,005	10,375	10,479
California	116,352	126,970	117,280	113,462	114,391	110,102
Colorado	R4,801	R6,041	R5,400	8,162	R6,786	8,626
Connecticut	1,837	1,885	2,365	2,111	2,302	2,065
Delaware	1,999	1,838	1,865	1,839	1,579	2,205
District of Columbia	0	0	0	0	0	0
Florida	11,215	10,777	11,725	10,326	10,925	10,437
Georgia	12,719	14,785	13,086	11,733	12,021	13,820
Hawaii	39	47	50	46	46	47
Idaho [a]	2,135	2,002	2,309	2,286	2,320	2,661
Illinois	18,871	23,273	24,006	20,129	24,389	23,815
Indiana	NA	20,496	NA	19,065	19,635	20,256
Iowa	7,091	7,311	NA	6,987	7,912	8,120
Kansas	8,638	9,968	8,833	6,545	5,682	7,543
Kentucky	6,978	6,507	6,648	6,391	6,533	9,833
Louisiana	94,269	96,050	86,068	78,110	83,255	86,938
Maine	210	208	186	195	167	51
Maryland	R2,932	R4,174	R3,179	R3,115	R2,475	R2,627
Massachusetts	10,391	12,636	10,817	10,866	12,359	11,603
Michigan	19,333	20,378	20,990	21,823	22,132	26,777
Minnesota	7,652	6,898	5,898	5,750	5,771	7,290
Mississippi	7,692	7,464	7,299	7,475	7,919	7,940
Missouri	4,406	4,993	4,870	4,496	4,620	5,627
Montana	1,239	1,334	1,494	1,227	1,228	1,867
Nebraska	3,375	3,739	5,233	2,615	2,590	3,156
Nevada	4,761	5,416	4,251	3,878	2,622	2,322
New Hampshire	253	201	266	277	397	163
New Jersey	17,330	18,019	17,198	15,245	14,195	15,781
New Mexico	1,972	2,095	6,145	3,297	3,553	3,296
New York	NA	25,872	23,321	24,819	22,445	25,583
North Carolina	7,394	7,839	6,997	7,026	6,697	6,704
North Dakota	1,361	1,797	815	2,014	1,855	2,198
Ohio	19,690	18,118	19,353	19,767	20,690	23,206
Oklahoma	7,338	7,483	10,603	10,182	12,669	12,464
Oregon	7,469	7,091	6,978	7,633	7,637	8,199
Pennsylvania	18,151	17,375	15,310	14,559	16,638	17,920
Rhode Island	5,777	6,065	5,269	4,852	5,197	3,625
South Carolina	6,827	7,129	6,652	6,245	6,103	6,097
South Dakota	402	444	527	513	822	866
Tennessee	9,259	10,472	9,870	10,227	10,118	12,554
Texas	179,624	184,357	188,612	135,066	143,541	157,172
Utah	2,730	2,367	2,640	2,866	2,965	3,001
Vermont	202	181	165	176	207	242
Virginia	8,702	9,294	8,016	4,659	5,793	4,896
Washington	10,194	11,258	10,848	10,633	11,763	11,415
West Virginia	3,606	3,070	3,290	2,975	3,132	3,335
Wisconsin	9,914	9,662	9,058	9,000	9,418	11,397
Wyoming	2,403	2,374	2,286	2,398	2,339	2,155
Total	**R743,973**	**R778,618**	**R754,858**	**R671,951**	**R699,377**	**R739,831**

See footnotes at end of table.

Table 17

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001			2000		
	March	February	January	Total	December	November
Alabama	R14,748	R13,289	R14,026	191,010	16,038	15,523
Alaska	6,487	5,805	6,543	72,694	6,000	4,910
Arizona	2,267	2,460	2,298	25,052	2,428	2,175
Arkansas	11,052	9,508	10,932	132,834	11,826	10,831
California	109,447	108,390	118,805	1,350,795	110,101	113,796
Colorado	8,042	8,039	9,703	90,233	9,821	7,493
Connecticut	2,199	2,053	2,189	33,598	2,817	2,851
Delaware	2,354	2,588	2,551	33,103	2,645	2,457
District of Columbia	0	0	0	0	0	0
Florida	10,251	9,233	10,481	139,597	9,767	11,229
Georgia	13,094	11,511	10,835	173,277	12,357	13,270
Hawaii	44	43	51	536	43	47
Idaho [a]	2,777	2,826	3,101	32,464	2,790	2,811
Illinois	29,170	29,292	30,323	335,154	34,634	30,563
Indiana	25,296	24,195	27,925	312,222	30,064	25,863
Iowa	9,066	8,810	9,554	100,368	9,937	9,027
Kansas	8,424	8,460	9,461	108,903	7,927	8,592
Kentucky	7,311	8,595	10,733	100,803	9,159	8,654
Louisiana	93,526	86,175	88,896	899,418	83,603	85,394
Maine	76	314	107	3,927	581	496
Maryland	R2,958	R2,627	R2,916	46,220	4,116	4,128
Massachusetts	11,651	13,239	13,462	151,845	15,068	11,974
Michigan	29,494	27,728	29,628	297,963	29,269	22,875
Minnesota	8,357	8,061	8,734	103,952	9,740	9,486
Mississippi	9,236	6,432	10,201	111,764	9,696	8,905
Missouri	5,699	7,933	8,705	69,186	7,276	6,010
Montana	2,220	2,222	2,444	23,841	2,541	2,232
Nebraska	2,770	2,967	3,235	45,958	3,560	3,326
Nevada	3,628	4,466	4,120	46,573	4,995	4,342
New Hampshire	378	336	340	4,453	357	274
New Jersey	15,033	13,187	14,908	195,301	15,799	14,228
New Mexico	2,625	2,536	2,454	26,086	2,157	2,072
New York	26,460	25,367	25,164	338,202	27,155	26,732
North Carolina	7,491	6,309	6,863	105,416	7,664	8,578
North Dakota	1,231	1,553	1,310	14,795	1,178	1,206
Ohio	28,172	28,382	35,041	332,135	33,353	29,746
Oklahoma	12,596	14,486	10,335	163,919	11,008	11,788
Oregon	8,910	9,919	7,431	104,078	6,515	8,039
Pennsylvania	20,217	19,879	20,536	248,652	21,993	20,298
Rhode Island	5,389	2,954	3,491	46,393	4,322	4,438
South Carolina	6,657	5,548	4,712	97,682	6,668	8,083
South Dakota	861	720	602	6,400	672	780
Tennessee	11,605	11,208	12,126	129,548	12,263	11,502
Texas	164,043	147,429	153,471	2,165,454	194,019	189,111
Utah	2,766	3,278	3,190	39,378	3,617	3,558
Vermont	309	183	172	3,949	228	403
Virginia	R4,756	6,321	6,874	100,530	12,253	6,324
Washington	11,824	11,331	10,791	116,233	8,181	8,199
West Virginia	3,659	3,457	3,749	44,421	3,832	3,325
Wisconsin	19,281	16,412	16,149	159,842	18,505	14,483
Wyoming	2,485	2,461	3,068	35,409	2,665	3,195
Total	**R788,389**	**R750,515**	**R794,736**	**9,511,565**	**843,204**	**805,625**

[a] Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				May	April	March
Alabama	NA	17,591	7,026	NA	NA	R7,003
Alaska	NA	13,727	14,586	NA	NA	R2,652
Arizona	NA	51,760	20,413	NA	NA	R4,002
Arkansas	NA	7,501	15,104	NA	NA	R766
California	NA	55,577	39,180	NA	NA	R8,955
Colorado	NA	17,975	9,722	NA	NA	R3,875
Connecticut	NA	0	0	NA	NA	R0
Delaware	NA	27	3,143	NA	NA	R5
District of Columbia	NA	0	0	NA	NA	R0
Florida	NA	92,720	139,874	NA	NA	R31,082
Georgia	NA	2,439	3,976	NA	NA	R344
Hawaii	NA	0	0	NA	NA	R0
Idaho	NA	0	0	NA	NA	R0
Illinois	NA	565	789	NA	NA	R721
Indiana	NA	2,158	1,751	NA	NA	R1,115
Iowa	NA	1,648	1,560	NA	NA	R575
Kansas	NA	4,590	8,933	NA	NA	R1,524
Kentucky	NA	820	1,679	NA	NA	R424
Louisiana	NA	80,011	103,892	NA	NA	R19,038
Maine	NA	0	0	NA	NA	R0
Maryland	NA	1	6,424	NA	NA	R0
Massachusetts	NA	366	1,414	NA	NA	R169
Michigan	NA	7,555	18,193	NA	NA	R2,053
Minnesota	NA	1,246	1,395	NA	NA	R285
Mississippi	NA	28,498	37,801	NA	NA	R14,479
Missouri	NA	6,895	8,317	NA	NA	R2,762
Montana	NA	14	47	NA	NA	R1
Nebraska	NA	1,067	953	NA	NA	R87
Nevada	NA	33,464	24,453	NA	NA	R4,515
New Hampshire	NA	1	782	NA	NA	R1
New Jersey	NA	225	7,273	NA	NA	R36
New Mexico	NA	15,430	16,562	NA	NA	R2,262
New York	NA	17,892	41,562	NA	NA	R6,774
North Carolina	NA	731	1,816	NA	NA	R208
North Dakota	NA	2	0	NA	NA	R0
Ohio	NA	1,710	3,128	NA	NA	R392
Oklahoma	NA	46,899	57,154	NA	NA	R9,889
Oregon	NA	18,915	10,978	NA	NA	R2,358
Pennsylvania	NA	3	1,430	NA	NA	R1
Rhode Island	NA	0	0	NA	NA	R0
South Carolina	NA	183	719	NA	NA	R719
South Dakota	NA	2,307	391	NA	NA	R61
Tennessee	NA	2	922	NA	NA	R124
Texas	NA	348,233	455,564	NA	NA	R27,381
Utah	NA	7,834	2,788	NA	NA	R821
Vermont	NA	96	194	NA	NA	R2
Virginia	NA	1,141	8,585	NA	NA	R526
Washington	NA	27,038	2,290	NA	NA	R1,957
West Virginia	NA	9	118	NA	NA	R3
Wisconsin	NA	4,233	5,159	NA	NA	R720
Wyoming	NA	1,371	48	NA	NA	R194
Total	NA	**922,467**	**1,088,089**	NA	NA	**R160,864**

See footnotes at end of table.

Table 18

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002		2001			
	February	January	Total	December	November	October
Alabama	7,985	9,046	66,179	5,234	6,723	6,818
Alaska	2,326	2,742	32,591	3,187	2,947	2,840
Arizona	2,193	2,065	102,515	3,823	2,972	6,192
Arkansas	728	495	21,005	409	1,167	1,536
California	5,897	6,582	120,098	6,372	6,558	9,419
Colorado	2,429	3,145	45,984	3,583	2,859	4,461
Connecticut	0	0	0	0	0	0
Delaware	6	6	480	21	38	21
District of Columbia	0	0	0	0	0	0
Florida	24,119	30,791	327,939	30,657	24,882	36,657
Georgia	360	187	12,255	65	33	771
Hawaii	0	0	0	0	0	0
Idaho	30	23	0	0	0	0
Illinois	697	294	5,102	692	557	449
Indiana	925	1,002	6,359	432	526	106
Iowa	296	379	5,754	276	246	259
Kansas	755	429	23,269	787	1,045	1,203
Kentucky	390	179	4,138	277	153	238
Louisiana	15,226	14,488	226,659	10,113	9,230	18,076
Maine	0	0	0	0	0	0
Maryland	0	0	4	0	0	0
Massachusetts	49	126	2,245	175	65	330
Michigan	2,414	1,472	33,525	2,194	2,719	4,296
Minnesota	130	188	5,144	128	176	191
Mississippi	15,085	14,816	126,093	9,531	9,174	14,187
Missouri	2,095	2,703	30,353	1,842	1,823	1,972
Montana	0	1	146	0	1	1
Nebraska	80	210	4,290	249	244	247
Nevada	3,760	4,092	68,997	5,303	4,300	4,813
New Hampshire	12	18	525	29	0	291
New Jersey	26	25	1,224	14	6	24
New Mexico	1,866	1,242	38,364	1,201	2,196	2,901
New York	7,157	6,901	93,569	9,065	8,291	11,426
North Carolina	354	46	11,075	159	130	604
North Dakota	0	0	3	0	0	0
Ohio	522	104	5,127	37	90	78
Oklahoma	12,017	7,661	160,871	9,148	9,482	12,442
Oregon	1,416	3,277	45,013	2,762	3,211	3,831
Pennsylvania	1	1	11	0	1	1
Rhode Island	0	0	0	0	0	0
South Carolina	1,418	2,470	2,310	51	52	801
South Dakota	145	18	4,502	67	24	58
Tennessee	0	0	47	0	0	0
Texas	21,110	26,160	957,688	41,482	44,887	70,733
Utah	560	536	15,155	706	537	800
Vermont	3	4	116	3	3	3
Virginia	789	1,837	17,728	1,413	2,035	2,281
Washington	967	928	47,031	1,143	1,149	2,345
West Virginia	3	3	33	2	2	2
Wisconsin	778	510	12,041	423	543	775
Wyoming	157	156	2,729	223	192	195
Total	**137,277**	**147,359**	**2,686,287**	**153,279**	**151,268**	**224,674**

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	September	August	July	June	May	April
Alabama	6,753	8,444	7,979	6,636	4,762	3,422
Alaska	2,370	2,596	2,489	2,435	2,269	2,441
Arizona	7,147	9,518	10,790	10,314	13,186	11,412
Arkansas	1,629	3,544	3,794	1,425	1,753	2,515
California	9,924	12,130	10,244	9,875	10,913	11,289
Colorado	3,933	4,228	4,727	4,218	3,892	3,972
Connecticut	0	0	0	0	0	0
Delaware	232	81	38	21	5	5
District of Columbia	0	0	0	0	0	0
Florida	38,094	37,241	36,276	31,410	25,674	23,026
Georgia	1,845	3,105	2,739	1,258	1,152	1,138
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	254	1,048	1,161	378	268	64
Indiana	270	1,490	749	629	141	412
Iowa	455	1,254	1,129	488	551	366
Kansas	1,576	5,046	7,110	1,911	1,488	927
Kentucky	404	1,054	842	351	307	206
Louisiana	24,034	35,066	30,160	19,968	19,894	20,528
Maine	0	0	0	0	0	0
Maryland	0	1	1	0	0	0
Massachusetts	444	545	196	123	223	56
Michigan	2,577	6,106	5,291	2,788	1,064	641
Minnesota	218	1,477	1,274	434	408	275
Mississippi	19,208	18,050	17,767	9,677	9,767	9,129
Missouri	2,808	6,170	6,100	2,743	2,176	2,183
Montana	3	46	61	19	7	1
Nebraska	181	695	1,189	420	308	315
Nevada	4,150	5,764	5,622	5,582	6,808	5,672
New Hampshire	185	20	0	0	0	0
New Jersey	67	470	167	252	86	62
New Mexico	3,244	4,255	4,913	4,223	4,027	4,041
New York	11,188	14,641	12,042	9,024	5,219	4,271
North Carolina	727	4,615	2,628	1,481	459	222
North Dakota	0	0	0	0	1	0
Ohio	175	1,230	1,235	572	789	412
Oklahoma	16,554	23,660	27,095	15,593	11,813	10,450
Oregon	3,559	4,238	4,237	4,261	3,457	3,342
Pennsylvania	1	2	2	1	1	0
Rhode Island	0	0	0	0	0	0
South Carolina	62	524	357	280	95	47
South Dakota	206	665	717	456	658	637
Tennessee	0	0	22	23	0	0
Texas	82,816	131,137	134,422	103,978	93,594	80,018
Utah	1,263	1,260	1,246	1,509	1,670	1,656
Vermont	2	2	3	3	54	2
Virginia	3,043	3,531	2,525	1,760	645	332
Washington	2,503	3,753	5,383	3,717	5,807	5,803
West Virginia	2	7	6	4	4	1
Wisconsin	958	2,323	1,844	942	757	581
Wyoming	173	186	228	162	256	385
Total	**255,236**	**361,218**	**356,801**	**261,345**	**236,407**	**212,257**

See footnotes at end of table.

Table 18

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001			2000		
	March	February	January	Total	December	November
Alabama	3,725	1,901	3,781	36,344	2,801	2,884
Alaska	2,973	2,860	3,185	35,570	3,503	3,192
Arizona	10,393	9,900	6,869	92,019	8,870	9,180
Arkansas	1,166	394	1,672	34,603	1,697	1,240
California	10,550	10,541	12,283	129,449	10,220	9,776
Colorado	4,282	3,131	2,698	32,148	3,568	2,727
Connecticut	0	0	0	0	0	0
Delaware	5	6	7	4,337	5	5
District of Columbia	0	0	0	0	0	0
Florida	18,296	11,989	13,735	316,486	14,992	17,873
Georgia	91	36	22	21,447	58	327
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	70	80	83	2,764	130	156
Indiana	188	942	474	7,754	1,986	282
Iowa	327	176	228	4,735	257	255
Kansas	937	601	637	33,509	1,239	1,227
Kentucky	195	51	61	4,073	519	359
Louisiana	13,277	11,965	14,347	292,002	17,809	17,447
Maine	0	0	0	0	0	0
Maryland	0	0	0	20,665	109	1,864
Massachusetts	71	8	9	3,190	23	201
Michigan	1,748	1,577	2,526	43,548	3,891	3,325
Minnesota	248	129	187	5,411	413	335
Mississippi	3,864	1,890	3,849	89,110	4,617	3,896
Missouri	1,406	653	476	30,480	1,161	650
Montana	4	0	1	192	25	8
Nebraska	280	102	62	5,508	316	319
Nevada	7,718	5,820	7,445	80,037	7,380	7,343
New Hampshire	0	0	0	783	0	0
New Jersey	56	21	0	16,952	54	26
New Mexico	3,344	2,477	1,540	38,080	1,757	1,601
New York	3,065	2,931	2,406	95,812	3,242	5,006
North Carolina	39	0	11	9,579	4	210
North Dakota	0	0	0	0	0	0
Ohio	332	99	78	6,791	250	323
Oklahoma	9,559	6,314	8,763	169,031	11,350	8,367
Oregon	3,438	5,127	3,552	41,500	5,761	4,121
Pennsylvania	0	0	0	2,955	79	193
Rhode Island	0	0	0	0	0	0
South Carolina	10	8	23	2,814	14	55
South Dakota	603	305	105	3,607	311	412
Tennessee	2	0	0	1,829	14	43
Texas	61,577	52,839	60,205	1,245,008	72,445	67,697
Utah	1,536	1,549	1,422	10,544	1,182	1,048
Vermont	6	3	31	1,023	18	116
Virginia	79	22	62	15,923	235	433
Washington	5,694	5,636	4,099	41,173	2,829	4,978
West Virginia	1	1	1	425	33	26
Wisconsin	1,019	1,303	573	12,043	1,436	658
Wyoming	270	230	229	1,843	239	135
Total	**172,448**	**143,619**	**157,736**	**3,043,094**	**186,846**	**180,318**

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

[R] Revised Data.

[NA] Not Available.

Notes: April and May 2002 data not available in time for publication. See box on page one for more information. Geographic coverage is the 50 States and the District of Columbia.

Source: Form EIA-759, "Monthly Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				May	April	March
Alabama	NA	135,763	135,103	NA	NA	R35,036
Alaska	NA	60,545	65,991	NA	NA	R11,753
Arizona	NA	103,469	67,848	NA	NA	R13,767
Arkansas	NA	100,429	112,360	NA	NA	R22,327
California	NA	1,023,014	874,854	NA	NA	R174,542
Colorado	NA	183,332	149,508	NA	NA	R44,898
Connecticut	NA	61,531	66,113	NA	NA	NA
Delaware	NA	22,115	28,127	NA	NA	R4,072
District of Columbia	NA	20,040	19,411	NA	NA	NA
Florida	NA	177,356	232,565	NA	NA	R49,729
Georgia	NA	166,847	177,684	NA	NA	R32,748
Hawaii	NA	1,217	1,212	NA	NA	NA
Idaho	NA	34,138	32,647	NA	NA	NA
Illinois	NA	508,734	503,722	NA	NA	R123,508
Indiana	NA	261,042	281,559	NA	NA	R58,684
Iowa	NA	120,915	110,446	NA	NA	R25,661
Kansas	NA	119,139	115,910	NA	NA	R25,573
Kentucky	NA	100,498	102,203	NA	NA	R22,554
Louisiana	NA	565,458	498,933	NA	NA	R127,100
Maine	NA	2,844	3,764	NA	NA	NA
Maryland	NA	96,556	104,401	NA	NA	R20,556
Massachusetts	NA	177,893	175,954	NA	NA	R36,234
Michigan	NA	483,881	490,719	NA	NA	R98,236
Minnesota	NA	173,433	165,923	NA	NA	R43,013
Mississippi	NA	101,906	115,048	NA	NA	R30,073
Missouri	NA	163,149	145,540	NA	NA	R35,528
Montana	NA	30,180	29,546	NA	NA	R7,165
Nebraska	NA	63,518	59,452	NA	NA	R12,635
Nevada	NA	81,398	69,464	NA	NA	R18,374
New Hampshire	NA	11,596	12,495	NA	NA	R2,480
New Jersey	NA	298,181	319,367	NA	NA	R57,641
New Mexico	NA	62,002	57,860	NA	NA	R10,888
New York	NA	551,550	615,500	NA	NA	R113,876
North Carolina	NA	96,829	111,451	NA	NA	R21,809
North Dakota	NA	20,173	18,225	NA	NA	R4,690
Ohio	NA	454,345	455,518	NA	NA	R92,045
Oklahoma	NA	183,309	194,626	NA	NA	R34,964
Oregon	NA	101,405	98,215	NA	NA	R19,573
Pennsylvania	NA	342,881	350,307	NA	NA	R69,327
Rhode Island	NA	41,223	44,549	NA	NA	NA
South Carolina	NA	60,233	75,190	NA	NA	R16,000
South Dakota	NA	19,675	14,912	NA	NA	R3,902
Tennessee	NA	136,844	125,922	NA	NA	R27,253
Texas	NA	1,413,336	1,505,827	NA	NA	R248,663
Utah	NA	70,225	62,588	NA	NA	R15,104
Vermont	NA	4,671	5,192	NA	NA	R954
Virginia	NA	111,771	131,708	NA	NA	R22,782
Washington	NA	155,576	125,359	NA	NA	R27,338
West Virginia	NA	53,039	54,704	NA	NA	R11,549
Wisconsin	NA	206,086	195,671	NA	NA	R47,965
Wyoming	NA	25,990	31,251	NA	NA	R5,358
Total	NA	**9,561,279**	**9,542,444**	NA	NA	**R1,961,329**

See footnotes at end of table.

Table 19

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002		2001			
	February	January	Total	December	November	October
Alabama	R33,276	R36,326	R296,198	R24,746	R23,022	R23,856
Alaska	11,862	13,073	140,070	14,260	12,618	11,908
Arizona	14,761	16,062	196,150	14,695	8,752	10,903
Arkansas	25,235	NA	214,801	21,959	18,137	16,834
California	168,875	200,021	2,200,654	193,603	152,713	160,040
Colorado	44,026	48,361	R321,426	R36,012	R22,630	R16,157
Connecticut	NA	14,793	NA	NA	NA	6,490
Delaware	4,199	5,008	41,846	3,531	3,417	3,209
District of Columbia	NA	4,776	30,954	2,867	2,174	1,272
Florida	41,448	50,063	521,198	46,478	41,477	51,667
Georgia	38,739	42,813	337,621	35,212	24,615	25,975
Hawaii	NA	236	2,818	225	217	220
Idaho	8,519	8,682	63,076	7,291	5,191	3,746
Illinois	118,380	130,428	918,503	113,968	73,278	64,269
Indiana	58,387	66,310	490,413	51,926	39,271	34,344
Iowa	24,842	28,395	218,043	22,466	16,854	14,519
Kansas	25,088	28,115	227,755	20,872	14,450	11,597
Kentucky	23,925	24,591	189,881	23,000	16,108	12,416
Louisiana	118,395	125,809	1,396,708	119,412	111,952	123,052
Maine	NA	877	5,952	793	624	502
Maryland	R22,347	24,141	NA	NA	R13,352	NA
Massachusetts	34,862	39,288	312,574	25,260	22,597	19,373
Michigan	103,718	113,845	853,359	89,562	70,403	54,966
Minnesota	35,140	41,268	310,099	37,550	24,143	21,426
Mississippi	29,750	32,308	268,564	22,278	19,435	23,307
Missouri	36,507	41,147	280,152	29,890	18,382	13,637
Montana	6,771	7,646	54,443	6,685	5,072	3,440
Nebraska	13,746	15,767	115,778	10,702	10,622	5,541
Nevada	19,502	19,911	173,605	18,171	12,395	12,882
New Hampshire	2,628	2,646	R19,006	R2,111	R1,452	1,176
New Jersey	64,697	70,583	536,276	53,463	43,413	32,806
New Mexico	13,887	11,826	130,277	13,405	9,034	7,758
New York	117,118	119,017	R1,080,655	R92,880	R72,854	R70,915
North Carolina	24,269	27,101	195,584	19,056	15,618	14,390
North Dakota	3,946	5,001	39,016	4,474	3,086	3,030
Ohio	95,653	101,680	777,029	85,849	58,205	48,472
Oklahoma	43,017	39,123	R391,380	R29,205	R22,944	R24,771
Oregon	20,172	22,394	226,441	19,644	19,079	21,352
Pennsylvania	71,649	79,014	593,814	62,593	45,797	37,300
Rhode Island	NA	NA	89,882	8,832	6,610	7,252
South Carolina	17,162	19,946	129,231	12,196	10,931	11,397
South Dakota	3,497	3,932	33,369	3,610	2,136	1,701
Tennessee	NA	35,352	251,529	24,903	19,300	18,057
Texas	245,588	286,285	R3,445,245	R276,112	R243,179	R282,022
Utah	17,561	19,568	135,549	18,560	11,628	9,183
Vermont	1,143	1,120	7,967	830	661	442
Virginia	26,470	30,922	R237,497	25,064	24,767	17,203
Washington	R26,734	R29,731	353,404	34,515	30,988	29,070
West Virginia	11,252	NA	102,117	12,310	10,365	6,795
Wisconsin	43,245	49,193	370,102	43,327	28,374	26,650
Wyoming	5,312	7,740	53,129	5,544	4,919	4,171
Total	**R1,975,820**	**R2,189,190**	**R19,654,521**	**R1,867,665**	**R1,477,782**	**R1,434,335**

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	September	August	July	June	May	April
Alabama	R21,540	R23,303	R22,455	R21,512	R21,225	R23,550
Alaska	10,329	10,797	10,459	9,153	10,255	11,184
Arizona	11,830	14,253	16,430	15,818	19,778	19,048
Arkansas	14,230	15,572	14,766	12,875	14,878	17,818
California	163,699	178,624	167,047	161,914	172,722	189,356
Colorado	R13,582	R14,530	R15,422	19,762	R23,631	32,000
Connecticut	4,426	4,841	4,800	5,791	5,996	9,977
Delaware	2,621	2,258	2,319	2,376	2,356	3,922
District of Columbia	1,113	941	1,253	1,293	1,713	3,327
Florida	53,675	52,195	52,191	46,159	41,528	39,013
Georgia	20,736	23,636	21,617	18,984	20,358	25,349
Hawaii	226	227	242	244	237	243
Idaho	3,043	2,844	3,293	3,530	4,306	5,648
Illinois	39,194	39,639	41,254	38,168	46,895	62,492
Indiana	26,156	27,059	24,754	25,859	27,534	37,071
Iowa	10,745	10,875	10,841	10,829	12,913	17,583
Kansas	13,156	18,004	19,056	11,481	11,097	17,335
Kentucky	9,901	9,782	9,544	8,632	9,549	14,886
Louisiana	122,048	133,993	119,455	101,337	106,998	113,235
Maine	326	302	278	282	323	305
Maryland	R7,189	R8,179	R7,305	R7,737	R8,415	R13,959
Massachusetts	16,478	17,869	15,934	17,171	22,325	31,987
Michigan	36,562	37,945	38,583	41,457	48,396	77,481
Minnesota	14,074	13,960	12,674	12,839	15,167	24,574
Mississippi	28,545	27,290	26,861	18,944	20,002	20,606
Missouri	11,885	15,320	15,401	12,488	13,341	22,799
Montana	2,131	2,148	2,355	2,434	3,050	5,028
Nebraska	5,390	6,248	8,411	5,347	6,970	10,880
Nevada	11,180	13,430	12,169	11,981	12,622	12,435
New Hampshire	855	589	548	680	1,293	1,936
New Jersey	27,832	27,588	27,026	25,966	31,048	49,978
New Mexico	7,263	8,155	13,085	9,574	10,190	11,884
New York	R71,843	R74,797	R67,821	R77,994	R76,019	R93,555
North Carolina	10,860	14,875	12,312	11,645	11,249	15,150
North Dakota	1,952	2,395	1,366	2,540	2,622	3,826
Ohio	32,331	30,138	33,167	34,522	41,292	66,274
Oklahoma	R26,745	R34,189	R41,125	R29,093	R28,846	R32,018
Oregon	15,507	15,727	16,368	17,358	15,779	18,212
Pennsylvania	28,314	26,573	24,549	25,807	33,515	53,809
Rhode Island	6,774	6,980	6,205	6,007	6,970	7,140
South Carolina	8,517	9,186	8,568	8,201	8,506	10,598
South Dakota	1,168	1,679	1,759	1,641	2,437	3,343
Tennessee	12,548	13,356	13,075	13,445	14,261	22,306
Texas	R280,218	342,140	345,379	262,858	273,197	274,688
Utah	6,586	6,006	6,231	7,129	7,908	11,315
Vermont	363	309	307	384	544	837
Virginia	16,181	17,162	14,573	10,777	11,850	15,651
Washington	23,137	25,265	27,634	27,219	26,331	29,444
West Virginia	5,672	4,677	4,527	4,732	5,370	9,475
Wisconsin	17,200	16,410	16,146	15,910	18,061	26,099
Wyoming	3,148	3,012	3,001	3,344	3,674	4,562
Total	**R1,281,027**	**R1,407,270**	**R1,381,942**	**R1,243,220**	**R1,335,543**	**R1,625,190**

See footnotes at end of table.

Table 19

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001			2000		
	March	February	January	Total	December	November
Alabama	R27,065	R27,737	R36,186	298,492	31,038	23,174
Alaska	13,171	12,328	13,607	150,666	14,583	12,486
Arizona	21,565	23,190	19,887	184,023	20,652	16,546
Arkansas	21,149	20,033	26,550	242,977	30,258	21,372
California	201,320	215,971	243,646	2,247,921	213,789	199,735
Colorado	39,601	41,830	46,270	299,653	43,946	27,031
Connecticut	13,985	14,262	17,311	123,711	16,169	10,983
Delaware	4,931	5,261	5,646	52,034	4,756	3,498
District of Columbia	4,377	4,815	5,808	33,181	4,731	2,305
Florida	34,608	29,113	33,094	519,190	31,473	34,049
Georgia	36,829	34,546	49,766	394,896	57,665	35,432
Hawaii	247	237	253	2,841	232	240
Idaho	6,749	8,519	8,916	65,046	8,180	6,373
Illinois	116,676	131,845	150,826	1,006,805	171,913	108,105
Indiana	57,630	61,846	76,961	570,431	82,201	50,503
Iowa	27,121	29,850	33,448	224,526	34,772	22,207
Kansas	26,758	27,869	36,080	252,650	30,636	18,769
Kentucky	21,616	23,081	31,367	208,207	33,069	21,263
Louisiana	114,701	110,149	120,374	1,266,837	114,506	109,244
Maine	577	875	763	7,733	1,196	841
Maryland	R21,206	R22,667	R30,308	206,716	27,920	18,923
Massachusetts	38,764	40,576	44,242	332,910	40,276	26,421
Michigan	112,960	112,355	132,689	893,256	127,001	73,045
Minnesota	39,241	46,044	48,408	333,386	53,647	35,138
Mississippi	18,785	16,303	26,210	248,908	22,958	16,325
Missouri	34,277	40,719	52,014	277,875	42,473	20,942
Montana	5,773	8,348	7,981	57,642	8,171	6,118
Nebraska	13,496	15,229	16,942	121,642	15,978	9,377
Nevada	17,869	18,518	19,954	182,188	20,096	17,345
New Hampshire	2,640	2,874	2,852	20,833	2,367	1,772
New Jersey	67,380	68,160	81,615	590,675	75,867	46,807
New Mexico	11,241	14,563	14,125	127,696	14,308	10,924
New York	R121,616	R124,832	R135,528	1,248,672	132,667	98,801
North Carolina	20,041	21,182	29,207	221,998	27,014	18,720
North Dakota	3,576	5,277	4,871	36,553	5,043	3,462
Ohio	101,713	109,791	135,274	860,252	133,197	79,100
Oklahoma	38,290	39,708	R44,446	442,877	43,731	29,160
Oregon	20,865	24,954	21,596	212,918	22,380	18,168
Pennsylvania	78,318	80,353	96,886	659,740	92,446	57,231
Rhode Island	10,152	7,850	9,111	78,046	8,558	6,700
South Carolina	12,101	12,786	16,242	151,660	15,842	11,945
South Dakota	4,638	4,873	4,384	32,735	5,524	3,633
Tennessee	27,420	29,379	43,477	252,528	35,741	21,139
Texas	280,831	274,954	309,666	3,789,439	329,893	287,491
Utah	13,178	17,564	20,260	136,975	19,656	17,305
Vermont	1,091	1,005	1,195	10,410	949	941
Virginia	R22,861	26,989	34,420	262,316	38,207	21,492
Washington	32,084	34,692	33,024	279,757	28,385	25,312
West Virginia	11,073	12,279	14,842	102,616	12,733	7,738
Wisconsin	54,618	53,137	54,171	388,053	63,197	39,779
Wyoming	5,068	5,916	6,771	59,195	6,348	5,710
Total	**R2,033,841**	**R2,117,236**	**R2,449,469**	**20,772,291**	**2,418,338**	**1,761,121**

R Revised Data.
NA Not Available.

Notes: April and May 2002 deliveries to Electric Utilities not available in time for publication. See box on page one for more information. Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-759, "Monthly Power Plant Report."

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				May	April	March	February	January
Alabama	4.66	7.34	3.40	4.89	4.37	4.49	4.80	4.71
Alaska	2.41	2.42	1.60	2.34	2.39	2.41	2.41	2.44
Arizona	3.55	6.26	3.74	3.80	3.70	3.74	3.35	3.41
Arkansas	NA	NA	3.07	NA	NA	NA	5.72	NA
California	2.95	9.07	3.02	3.18	3.85	2.76	2.42	2.68
Colorado	2.75	5.50	2.61	2.38	2.87	3.15	2.58	2.64
Connecticut	NA	9.91	5.74	6.74	NA	5.71	NA	6.72
Delaware	5.06	6.62	3.16	5.40	5.80	6.70	4.07	4.47
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.58	7.38	3.83	3.95	4.01	3.51	3.27	3.35
Georgia	3.66	7.61	3.46	6.39	3.70	3.18	4.21	2.44
Hawaii	6.34	8.16	7.67	6.66	6.44	6.03	6.10	6.49
Idaho	3.59	5.93	2.69	3.43	3.36	3.56	3.53	3.77
Illinois	3.41	7.30	3.28	3.53	3.93	3.13	3.16	3.52
Indiana	3.46	NA	2.78	3.61	3.89	3.37	3.33	3.37
Iowa	3.60	7.73	3.65	4.21	4.03	3.51	3.39	3.46
Kansas	3.99	8.04	3.31	4.26	4.77	3.98	3.80	3.65
Kentucky	4.42	7.69	3.83	4.65	5.47	4.06	4.69	4.08
Louisiana	NA	7.50	3.22	NA	NA	NA	NA	3.91
Maine	NA	7.06	4.41	3.42	NA	3.99	4.79	4.02
Maryland	NA	7.80	4.02	6.20	5.30	4.18	NA	NA
Massachusetts	4.26	7.44	4.10	5.56	4.23	4.29	4.24	3.80
Michigan	4.30	4.19	3.02	3.94	3.51	4.76	4.45	4.54
Minnesota	3.59	7.18	3.26	3.83	3.54	3.64	3.65	3.42
Mississippi	3.94	NA	3.31	3.88	4.42	3.62	3.76	4.14
Missouri	4.08	7.46	3.59	5.46	4.94	4.03	3.97	3.65
Montana	2.85	5.36	2.91	2.76	3.05	2.72	2.64	3.09
Nebraska	3.81	7.96	3.35	4.36	4.31	3.63	3.58	3.77
Nevada	4.15	NA	3.66	3.81	4.35	4.48	3.83	4.20
New Hampshire	4.27	5.25	4.13	3.43	4.91	3.88	3.14	7.84
New Jersey	NA	7.65	4.34	NA	4.48	R4.97	R4.84	R4.31
New Mexico	2.51	5.20	2.54	2.42	2.90	2.44	2.23	2.71
New York	3.79	NA	3.63	3.59	3.57	3.98	3.47	4.19
North Carolina	4.03	8.66	3.91	4.39	4.51	3.81	3.72	4.06
North Dakota	3.42	6.81	3.54	3.63	3.54	3.23	3.26	3.54
Ohio	NA	9.36	5.52	3.88	3.07	NA	4.28	3.63
Oklahoma	NA	7.59	3.33	3.93	4.14	NA	4.07	NA
Oregon	5.14	4.72	3.17	5.69	5.46	5.17	5.10	4.75
Pennsylvania	NA	7.44	3.93	5.62	NA	4.91	5.20	4.44
Rhode Island	NA	8.36	3.29	5.40	5.08	4.18	4.07	NA
South Carolina	4.75	8.06	3.91	5.35	5.23	4.39	4.30	4.96
South Dakota	4.10	8.03	3.95	4.10	4.98	3.69	4.04	4.10
Tennessee	4.01	7.29	3.51	4.13	3.50	3.78	3.99	4.35
Texas	3.58	7.17	3.01	4.19	4.13	3.29	3.25	3.61
Utah	4.21	6.00	3.39	3.54	3.60	4.18	4.54	4.34
Vermont	4.98	5.09	3.66	4.65	4.81	4.82	5.01	5.32
Virginia	NA	7.28	3.93	5.62	4.47	3.33	3.99	NA
Washington	3.58	6.71	2.94	4.07	R4.28	R3.86	R4.09	R2.24
West Virginia	NA	NA	3.43	4.67	4.44	3.85	3.82	NA
Wisconsin	3.79	7.37	3.28	4.19	4.32	3.47	3.74	3.71
Wyoming	NA	7.56	4.21	2.62	4.07	NA	3.98	3.97
Total	**4.06**	**7.23**	**3.54**	**5.17**	**4.09**	**R3.78**	**R3.77**	**R4.03**

See footnotes at end of table.

Table 20

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	Total	December	November	October	September	August	July	June
Alabama	6.62	4.99	4.99	5.16	5.45	6.02	5.62	6.47
Alaska	2.35	2.34	2.30	2.29	2.25	2.22	1.91	2.68
Arizona	5.05	3.27	4.38	3.47	3.93	4.05	3.68	4.24
Arkansas	NA	NA	NA	NA	3.93	4.41	NA	NA
California	6.64	2.80	3.15	2.38	2.71	2.80	2.92	8.08
Colorado	4.21	2.93	3.02	2.28	2.73	3.04	3.14	3.21
Connecticut	8.12	5.07	6.30	4.23	5.84	8.54	7.96	6.98
Delaware	5.18	4.39	4.05	3.19	3.31	3.77	4.80	4.63
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.21	3.41	3.58	2.69	2.98	3.45	3.98	4.56
Georgia	6.05	3.77	4.26	3.55	3.81	3.92	4.35	6.43
Hawaii	7.86	6.95	7.53	7.42	7.92	7.90	7.92	7.76
Idaho	4.85	3.74	3.85	3.48	3.50	3.12	3.60	4.20
Illinois	NA	NA	3.56	2.46	2.60	3.99	3.80	4.56
Indiana	NA	3.60	3.90	NA	NA	3.01	3.08	NA
Iowa	NA	NA	3.45	2.84	3.80	4.26	5.42	5.40
Kansas	6.05	3.92	4.23	3.01	3.12	4.12	4.17	4.84
Kentucky	NA	4.85	4.82	4.26	2.36	4.51	NA	6.45
Louisiana	NA	NA	NA	3.16	3.47	4.23	NA	4.60
Maine	NA	NA	NA	1.48	3.01	6.56	6.61	NA
Maryland	NA	NA	5.65	5.13	NA	6.26	6.85	7.62
Massachusetts	NA	NA	6.00	3.75	6.15	6.69	7.38	6.73
Michigan	4.09	3.55	3.80	3.68	3.86	4.30	4.36	4.46
Minnesota	5.84	4.02	4.52	2.57	3.66	4.08	4.32	4.84
Mississippi	NA	4.11	NA	3.35	NA	5.95	4.32	4.68
Missouri	6.31	3.61	4.67	3.57	5.33	6.02	6.38	6.47
Montana	3.93	2.39	3.12	1.96	2.23	2.58	2.85	2.64
Nebraska	6.38	3.66	3.83	2.85	4.13	4.18	4.31	4.96
Nevada	NA	4.18	5.02	3.57	4.67	5.22	3.63	3.95
New Hampshire	NA	R4.35	R3.26	NA	NA	6.56	5.67	3.59
New Jersey	R6.41	R4.27	R5.47	R4.18	R4.92	R5.47	R5.81	R6.21
New Mexico	NA	2.41	NA	2.36	2.07	2.62	2.48	2.80
New York	NA	3.81	NA	2.87	2.90	3.64	3.38	3.97
North Carolina	6.98	4.11	4.70	4.42	5.02	5.55	5.96	6.07
North Dakota	NA	2.51	4.34	2.10	2.86	3.10	NA	2.93
Ohio	NA	4.89	5.38	5.70	5.13	7.63	NA	8.49
Oklahoma	R6.48	R4.49	R5.10	R4.95	R5.19	R5.30	R4.11	R4.25
Oregon	4.92	5.39	5.41	4.60	5.42	5.07	5.03	4.85
Pennsylvania	6.71	5.20	5.03	5.91	6.32	6.11	6.58	6.75
Rhode Island	7.42	4.14	5.28	6.09	7.90	8.15	7.28	9.96
South Carolina	6.48	4.95	5.01	4.08	4.70	5.01	5.39	5.83
South Dakota	NA	NA	3.94	3.25	4.61	4.51	5.98	5.93
Tennessee	5.98	4.28	4.79	3.79	3.51	4.04	4.10	4.91
Texas	5.53	3.22	3.69	2.88	3.16	4.14	4.45	4.78
Utah	5.62	5.01	4.69	4.76	6.65	5.82	5.94	5.48
Vermont	4.83	5.15	3.93	5.06	4.06	4.35	4.14	4.09
Virginia	NA	5.03	NA	NA	5.49	7.43	6.71	7.52
Washington	NA	3.88	4.09	3.00	3.56	3.50	NA	4.07
West Virginia	NA	NA	4.44	3.95	2.99	4.21	4.53	NA
Wisconsin	5.90	3.50	4.33	2.85	3.68	5.04	5.17	4.91
Wyoming	6.32	4.44	4.91	4.63	5.35	6.82	5.26	3.85
Total	**R5.78**	**R3.92**	**R3.98**	**R3.32**	**R3.67**	**R4.29**	**R4.33**	**R5.37**

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001					2000		
	May	April	March	February	January	Total	December	November
Alabama	6.98	6.33	6.90	8.60	7.12	4.50	6.00	5.62
Alaska	2.23	2.20	2.55	2.53	2.44	1.60	1.61	1.62
Arizona	4.92	5.22	5.31	6.25	7.91	4.82	7.07	5.51
Arkansas	NA	NA	NA	NA	NA	4.16	5.64	4.29
California	7.32	7.52	8.36	9.42	12.64	4.32	7.30	5.09
Colorado	3.94	5.21	4.73	5.01	7.10	3.53	5.13	4.04
Connecticut	8.87	9.97	8.65	10.03	11.06	6.73	8.32	7.06
Delaware	5.15	5.96	6.10	7.33	8.30	3.41	4.19	5.44
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.75	6.50	6.30	6.18	10.21	5.10	7.92	6.37
Georgia	5.77	6.14	6.65	8.05	8.90	4.64	7.09	5.74
Hawaii	7.91	7.57	7.42	8.78	9.17	8.41	9.81	9.43
Idaho	6.00	5.24	5.04	5.58	6.94	4.02	6.70	4.67
Illinois	5.03	6.09	5.19	6.89	10.53	5.01	7.83	5.33
Indiana	NA	3.36	NA	5.77	7.87	4.03	6.20	4.54
Iowa	6.52	6.47	6.06	8.01	9.35	5.06	7.38	5.74
Kansas	6.45	6.59	5.92	8.32	10.13	4.52	6.21	5.21
Kentucky	7.18	5.53	5.89	8.65	9.15	4.93	6.75	5.79
Louisiana	5.03	6.06	6.11	6.96	10.43	4.61	7.26	5.39
Maine	11.90	5.84	6.53	7.57	6.97	5.30	5.98	4.41
Maryland	8.14	5.23	6.51	6.85	10.03	5.36	7.32	5.87
Massachusetts	5.78	6.40	6.00	7.64	9.42	5.43	7.00	5.69
Michigan	4.61	4.90	3.60	3.52	4.40	3.23	3.67	3.44
Minnesota	5.51	6.00	5.51	7.28	9.37	4.73	7.35	5.66
Mississippi	5.43	6.33	NA	6.44	9.68	4.66	7.47	5.50
Missouri	7.66	7.35	5.60	7.07	8.73	4.96	6.09	5.49
Montana	3.85	4.09	5.03	5.31	7.34	3.55	5.11	4.27
Nebraska	6.28	7.20	6.52	8.10	9.46	4.52	6.03	5.11
Nevada	NA	6.54	5.53	5.64	6.71	4.79	6.35	6.28
New Hampshire	4.75	4.77	4.88	5.21	6.06	5.34	7.38	7.20
New Jersey	R7.26	R7.43	R6.18	R7.11	R9.69	5.34	6.66	5.74
New Mexico	3.71	4.55	4.75	5.81	5.56	3.79	6.04	4.98
New York	5.22	NA	5.37	6.47	8.99	4.67	7.13	5.26
North Carolina	7.25	7.20	7.05	9.60	9.87	5.09	6.78	5.77
North Dakota	4.76	5.64	6.00	6.48	9.50	4.60	6.20	5.41
Ohio	6.29	11.56	9.95	10.34	7.87	6.10	7.17	5.64
Oklahoma	R4.50	R6.76	R6.39	R6.85	R9.63	3.91	5.58	5.60
Oregon	4.70	4.25	4.45	4.67	5.26	3.87	4.86	4.87
Pennsylvania	7.23	7.15	6.96	6.91	8.36	5.09	6.32	5.62
Rhode Island	9.90	8.79	9.60	6.69	8.27	4.36	6.70	4.47
South Carolina	6.94	6.87	6.34	7.88	10.46	5.09	6.81	5.87
South Dakota	7.30	7.50	6.58	7.68	9.94	4.81	6.29	4.55
Tennessee	5.55	5.99	6.30	7.73	9.28	4.72	7.14	5.64
Texas	5.61	5.71	5.81	7.01	9.10	4.39	6.85	5.26
Utah	5.53	5.51	6.35	6.41	5.83	3.68	4.26	4.17
Vermont	4.38	4.70	4.93	5.23	5.65	4.26	5.21	5.34
Virginia	8.13	4.72	6.61	7.65	8.11	5.34	7.53	6.39
Washington	5.41	5.14	5.13	6.48	9.87	4.16	8.10	4.71
West Virginia	NA	5.98	NA	4.26	4.25	3.75	3.76	4.01
Wisconsin	5.18	6.41	6.13	6.61	9.93	4.42	5.85	5.12
Wyoming	6.38	6.91	8.98	7.01	8.07	5.07	7.97	5.59
Total	**R5.87**	**R6.38**	**R6.16**	**R7.13**	**R8.94**	**4.62**	**6.64**	**5.20**

R Revised Data.
NA Not Available.
— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				May	April	March	February	January
Alabama	10.06	11.54	7.97	13.39	11.07	9.40	10.06	9.58
Alaska	4.34	4.18	3.44	4.50	4.33	4.31	4.27	4.39
Arizona	11.93	9.58	8.58	13.73	12.26	12.27	11.41	11.67
Arkansas	NA	NA	6.45	NA	NA	NA	8.42	NA
California	6.76	12.74	6.97	7.29	6.84	5.99	6.67	7.11
Colorado	5.34	8.60	5.28	6.81	5.90	5.45	4.73	5.25
Connecticut	NA	12.94	10.75	12.17	11.12	10.11	NA	10.88
Delaware	10.89	10.39	7.71	12.31	11.18	10.81	10.75	10.53
District of Columbia	10.95	13.65	9.61	11.87	12.76	10.88	10.23	10.78
Florida	12.66	15.76	11.35	15.15	13.81	12.28	11.75	12.16
Georgia	7.18	10.49	6.65	11.73	6.81	7.70	7.69	6.03
Hawaii	23.34	22.39	20.73	23.59	23.17	23.21	23.30	23.44
Idaho	8.96	8.04	5.59	9.34	9.16	8.96	8.79	8.88
Illinois	5.38	10.85	5.64	7.89	5.62	5.05	5.01	5.07
Indiana	6.99	NA	5.67	8.89	7.67	6.37	6.58	6.90
Iowa	5.99	9.88	6.20	7.52	6.43	5.90	5.71	5.60
Kansas	7.76	10.17	6.39	10.43	8.69	7.39	7.15	7.54
Kentucky	7.28	10.09	6.03	10.15	7.47	6.25	7.51	7.35
Louisiana	NA	10.71	6.19	NA	NA	NA	NA	6.75
Maine	11.24	11.81	8.60	10.51	R11.69	11.55	11.42	10.75
Maryland	NA	12.15	8.41	12.12	11.01	9.10	R8.20	NA
Massachusetts	9.61	13.10	9.13	9.05	9.62	9.72	9.46	9.88
Michigan	6.06	5.14	4.87	6.52	6.14	6.11	6.07	5.78
Minnesota	6.08	10.11	5.77	6.62	6.80	5.87	5.75	5.98
Mississippi	6.94	10.38	6.28	8.77	7.83	6.37	7.04	6.66
Missouri	7.28	10.33	6.48	8.89	7.40	6.91	7.25	7.18
Montana	5.33	7.09	5.53	5.16	5.23	4.98	5.35	5.77
Nebraska	5.51	8.98	5.26	7.11	5.81	5.19	5.26	5.40
Nevada	9.44	8.17	6.35	10.55	9.64	9.20	9.07	9.53
New Hampshire	9.55	12.04	8.99	10.15	9.88	9.57	9.46	9.17
New Jersey	7.00	7.24	7.42	6.72	6.71	R6.95	6.91	7.35
New Mexico	7.07	10.27	5.80	7.77	8.42	5.44	8.13	6.45
New York	9.37	11.75	9.06	9.91	9.47	9.25	8.83	9.69
North Carolina	8.52	12.43	8.41	11.06	8.79	8.02	8.59	8.33
North Dakota	4.91	9.04	5.11	6.07	5.30	4.52	4.71	4.82
Ohio	6.87	10.44	6.40	6.81	6.73	6.47	7.00	7.17
Oklahoma	NA	9.40	6.22	9.10	7.54	NA	7.37	NA
Oregon	10.59	9.04	7.48	10.61	10.73	10.61	10.55	10.49
Pennsylvania	8.74	11.27	7.65	10.26	8.87	8.50	8.67	8.45
Rhode Island	NA	11.65	8.81	11.74	11.75	11.45	11.26	NA
South Carolina	9.63	12.72	8.36	10.40	10.01	9.26	9.93	9.43
South Dakota	6.29	9.91	6.07	7.29	6.67	6.17	6.03	6.00
Tennessee	7.44	10.78	6.46	9.39	7.70	7.27	7.62	7.04
Texas	6.13	9.98	5.91	11.03	6.34	5.18	6.69	5.55
Utah	6.22	8.46	6.15	6.52	6.68	6.06	6.17	6.18
Vermont	10.13	9.35	7.51	10.79	10.27	10.05	9.97	9.97
Virginia	9.05	12.27	9.35	12.87	11.17	8.49	7.97	8.86
Washington	9.71	9.54	6.47	9.98	R9.78	R9.71	R9.60	R9.62
West Virginia	NA	7.14	7.16	8.98	8.47	8.08	7.99	NA
Wisconsin	6.90	9.96	6.32	6.90	7.64	6.68	6.59	6.97
Wyoming	5.43	8.91	5.19	5.81	5.41	5.22	5.64	5.35
Total	**7.32**	**10.18**	**6.79**	**8.41**	**7.56**	**6.96**	**R7.18**	**R7.25**

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	Total	December	November	October	September	August	July	June
Alabama	12.09	11.89	11.96	12.91	16.00	16.04	16.16	15.87
Alaska	4.23	4.10	4.05	4.27	4.51	4.74	4.91	4.63
Arizona	10.88	12.14	13.84	14.57	14.98	15.18	14.63	13.55
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	10.29	6.00	5.80	5.97	7.23	8.15	8.63	11.25
Colorado	8.44	5.33	6.15	10.16	13.04	13.57	12.64	11.39
Connecticut	NA	NA	NA	11.31	14.52	13.93	14.95	13.97
Delaware	11.03	11.36	11.72	13.07	14.91	15.77	14.33	13.67
District of Columbia	13.10	11.51	11.36	12.52	13.69	11.24	11.58	11.55
Florida	15.89	13.87	14.79	16.05	17.30	17.46	17.51	17.57
Georgia	9.92	7.23	9.50	7.48	10.32	10.99	14.94	11.03
Hawaii	22.55	23.88	24.02	21.82	22.29	22.52	22.14	21.99
Idaho	8.50	8.98	9.17	9.62	10.05	10.29	9.85	9.39
Illinois	NA	NA	5.45	5.25	7.63	9.39	9.41	10.33
Indiana	NA	6.43	7.66	8.32	NA	NA	NA	NA
Iowa	8.88	4.24	6.91	6.17	10.35	11.55	10.85	11.16
Kansas	10.07	7.84	9.11	10.69	13.50	12.31	12.28	12.50
Kentucky	9.65	7.36	7.72	9.73	11.46	13.10	13.17	15.23
Louisiana	NA	NA	NA	NA	NA	NA	NA	9.36
Maine	NA	9.80	NA	12.73	13.62	16.90	17.96	17.07
Maryland	NA	NA	9.78	8.95	NA	14.68	[R]15.61	14.63
Massachusetts	13.15	12.08	12.05	13.06	15.30	16.03	14.99	14.09
Michigan	5.59	5.74	5.77	6.14	7.58	8.83	8.59	7.69
Minnesota	8.80	5.82	6.92	5.52	7.31	8.72	8.82	8.76
Mississippi	10.05	8.17	7.89	7.93	12.29	12.08	11.37	11.54
Missouri	10.51	7.61	10.39	12.68	14.93	15.88	15.24	14.17
Montana	7.00	6.10	6.35	6.74	8.55	8.83	8.81	8.10
Nebraska	8.47	6.01	6.36	6.83	8.92	9.66	9.17	8.97
Nevada	8.96	8.15	11.09	11.40	14.92	11.20	11.28	10.02
New Hampshire	12.64	12.93	13.94	12.79	14.65	15.93	16.39	14.83
New Jersey	7.69	8.14	8.45	9.29	9.22	9.25	8.60	8.40
New Mexico	8.25	4.26	4.81	5.63	8.18	9.94	8.96	10.88
New York	[R]11.88	[R]11.01	[R]11.28	[R]11.69	[R]13.28	[R]14.56	[R]14.40	[R]13.99
North Carolina	12.31	10.60	10.30	11.94	15.50	17.13	16.67	14.85
North Dakota	7.62	4.87	5.10	4.87	7.21	7.03	9.18	9.91
Ohio	9.95	7.33	7.49	9.30	10.59	10.18	13.49	12.36
Oklahoma	[R]9.50	7.69	9.27	10.77	12.33	12.32	12.62	12.23
Oregon	9.68	10.56	10.82	11.18	11.17	11.21	10.79	10.18
Pennsylvania	11.47	9.47	10.38	12.06	15.70	16.83	16.40	15.22
Rhode Island	12.17	12.25	13.35	13.68	13.54	14.94	14.68	13.70
South Carolina	12.35	10.66	9.84	11.86	13.64	13.95	13.81	13.40
South Dakota	NA	NA	6.57	5.84	8.73	9.15	NA	8.97
Tennessee	10.33	7.83	9.14	9.47	10.87	12.03	11.80	12.11
Texas	9.19	6.09	7.96	7.90	10.16	6.90	10.79	12.04
Utah	8.08	7.03	7.48	6.82	9.55	9.34	9.36	8.82
Vermont	10.07	10.44	11.07	12.52	14.38	14.14	12.58	11.56
Virginia	12.35	9.94	10.50	13.40	16.58	17.30	17.33	16.41
Washington	9.77	9.59	9.72	10.22	10.92	11.48	11.14	10.72
West Virginia	7.59	8.07	7.62	8.03	9.36	9.95	12.92	12.14
Wisconsin	8.76	6.54	7.45	5.01	6.44	9.17	7.72	8.60
Wyoming	8.45	5.33	7.24	8.66	10.66	11.12	12.25	10.03
Total	**9.63**	**[R]7.32**	**7.97**	**[R]8.22**	**[R]10.12**	**[R]10.75**	**[R]11.08**	**[R]11.49**

See footnotes at end of table.

Table 21

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001					2000		
	May	April	March	February	January	Total	December	November
Alabama	14.65	12.08	12.53	12.05	10.12	9.22	9.74	11.85
Alaska	4.36	4.16	4.18	4.17	4.10	3.57	3.90	3.41
Arizona	11.69	10.47	9.47	9.21	9.10	9.43	8.88	9.93
Arkansas	NA	NA	NA	NA	9.67	7.43	7.87	7.65
California	11.58	11.89	13.73	13.72	12.07	8.21	10.48	9.54
Colorado	10.05	9.52	9.03	8.60	7.15	6.14	6.71	7.25
Connecticut	12.28	13.10	12.21	13.51	13.09	11.43	11.96	12.13
Delaware	12.36	11.14	10.78	10.31	9.27	8.33	8.52	9.65
District of Columbia	14.96	13.62	13.11	13.64	13.79	10.81	13.31	13.85
Florida	18.95	18.02	19.04	15.60	12.63	12.93	13.43	15.48
Georgia	10.81	10.12	9.44	11.55	10.46	8.38	10.22	11.14
Hawaii	22.11	21.71	22.10	22.81	23.21	21.87	23.59	22.88
Idaho	8.93	8.76	8.53	7.96	7.15	6.28	7.04	7.28
Illinois	10.35	9.28	9.62	11.33	11.86	7.33	8.74	8.70
Indiana	NA	11.83	10.37	9.54	9.08	6.42	6.94	6.59
Iowa	10.43	9.34	8.48	9.76	11.16	7.81	9.49	8.03
Kansas	11.74	9.76	9.19	10.00	10.84	7.64	8.84	9.07
Kentucky	13.35	10.87	9.95	10.89	9.18	7.41	8.48	8.77
Louisiana	9.42	8.69	9.36	11.02	11.83	8.34	10.80	10.36
Maine	10.45	15.54	11.39	11.75	11.29	9.71	10.85	10.46
Maryland	14.37	12.68	10.82	12.85	11.94	9.78	10.06	10.49
Massachusetts	14.29	14.39	14.17	12.84	11.24	9.91	11.46	11.08
Michigan	7.17	5.40	4.93	4.92	4.87	5.11	4.76	5.11
Minnesota	9.30	8.67	8.73	9.39	12.62	7.13	8.86	7.84
Mississippi	10.80	10.60	9.21	8.74	11.78	7.48	8.35	8.90
Missouri	12.87	11.19	10.76	10.93	9.01	7.85	9.17	9.31
Montana	7.67	7.40	7.40	6.99	6.60	6.04	6.33	6.20
Nebraska	9.20	8.08	8.25	10.31	8.72	6.45	7.54	7.88
Nevada	9.36	8.95	8.47	8.31	7.11	6.63	6.29	6.33
New Hampshire	10.90	11.76	13.02	12.07	11.71	10.07	12.13	12.68
New Jersey	8.13	7.76	7.35	6.96	6.93	7.28	6.98	6.74
New Mexico	12.47	13.43	13.44	9.34	8.25	6.10	6.80	5.78
New York	R13.64	R11.55	R10.64	R11.36	R12.60	9.86	9.02	10.16
North Carolina	14.09	12.58	12.56	13.28	11.52	9.53	9.97	10.90
North Dakota	9.24	8.25	8.32	9.17	9.74	6.37	7.85	7.70
Ohio	11.90	10.89	10.87	11.02	9.31	7.70	9.41	9.40
Oklahoma	R11.99	9.82	8.70	9.09	R9.54	7.36	7.77	8.89
Oregon	9.49	9.25	9.09	8.94	8.78	8.12	8.90	9.16
Pennsylvania	14.10	12.44	11.76	10.92	10.09	8.49	9.21	9.19
Rhode Island	12.49	11.98	11.60	11.55	11.34	9.83	10.98	13.26
South Carolina	12.35	11.40	12.38	13.41	12.92	9.15	10.09	10.96
South Dakota	9.26	9.28	8.30	10.40	11.20	7.34	8.62	7.72
Tennessee	11.16	9.89	8.51	14.43	10.15	7.48	8.35	9.54
Texas	10.70	9.49	8.85	9.08	11.21	7.41	8.05	8.57
Utah	9.59	7.97	8.82	8.44	8.26	6.20	6.29	6.12
Vermont	10.39	9.46	9.26	9.23	9.18	8.13	9.34	8.88
Virginia	15.51	12.15	11.27	12.73	12.15	9.98	10.04	9.87
Washington	10.33	10.09	10.09	9.70	8.22	7.16	7.98	8.20
West Virginia	8.36	7.32	7.11	7.05	6.97	7.46	7.13	7.61
Wisconsin	9.61	9.58	8.73	9.05	12.21	7.55	9.40	8.48
Wyoming	11.79	6.15	13.00	8.91	7.54	6.11	7.85	6.71
Total	**R11.13**	**R10.19**	**R9.88**	**R10.26**	**R10.13**	**7.76**	**8.56**	**8.58**

R Revised Data.
NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				May	April	March	February	January
Alabama	8.85	10.43	6.80	9.45	9.24	8.63	8.99	8.54
Alaska	3.33	2.62	2.06	2.91	3.34	3.40	3.32	3.42
Arizona	8.84	7.81	6.46	8.16	8.24	9.04	8.92	9.34
Arkansas	NA	NA	4.40	NA	NA	NA	6.90	NA
California	5.94	12.34	6.56	5.63	6.07	5.50	5.84	6.53
Colorado	4.70	7.88	4.82	4.97	4.83	5.04	4.18	4.76
Connecticut	NA	8.85	6.80	6.83	7.25	5.98	NA	7.41
Delaware	9.50	9.23	6.33	9.77	9.70	9.41	9.34	9.49
District of Columbia	10.48	13.33	8.94	10.53	11.61	10.36	10.07	10.39
Florida	7.66	12.34	7.02	7.91	7.73	7.34	7.63	7.77
Georgia	5.58	10.19	5.70	7.51	6.47	5.05	5.13	5.25
Hawaii	17.15	17.68	16.50	17.24	16.97	16.92	17.03	17.58
Idaho	8.34	NA	4.86	8.66	8.59	8.30	8.18	8.29
Illinois	5.43	10.23	5.33	7.36	5.61	5.31	5.11	5.14
Indiana	6.39	NA	5.15	7.95	7.27	5.80	5.87	6.41
Iowa	4.93	8.45	5.28	5.81	5.21	4.98	4.69	4.72
Kansas	6.97	9.73	5.78	8.09	7.59	6.64	6.55	7.05
Kentucky	6.93	9.53	5.52	7.23	6.71	6.03	7.12	7.50
Louisiana	NA	NA	5.40	NA	6.67	NA	6.15	6.58
Maine	NA	10.70	7.17	7.75	NA	10.36	10.81	10.08
Maryland	NA	11.05	7.17	10.13	10.08	7.38	NA	NA
Massachusetts	8.53	12.27	8.30	7.53	8.15	8.29	8.78	9.15
Michigan	5.83	4.98	4.65	6.10	5.82	5.91	5.88	5.63
Minnesota	5.13	9.25	4.87	5.76	5.83	5.07	4.70	4.79
Mississippi	5.72	9.46	5.45	6.32	6.43	4.99	5.63	5.83
Missouri	6.76	10.06	5.88	6.97	6.69	6.45	6.84	6.94
Montana	5.40	6.56	5.41	5.27	5.33	5.06	5.44	5.82
Nebraska	4.79	8.38	4.50	5.11	4.91	4.62	4.65	4.89
Nevada	7.80	7.31	5.45	7.23	7.02	8.07	7.81	8.28
New Hampshire	NA	11.47	7.77	7.28	NA	8.19	8.15	8.48
New Jersey	5.79	8.55	5.56	5.89	5.79	6.41	5.72	5.44
New Mexico	4.19	7.97	4.51	4.64	3.65	3.47	4.12	4.94
New York	8.06	8.97	8.46	7.81	7.67	7.77	8.35	8.46
North Carolina	6.76	10.88	6.82	6.53	6.34	6.54	6.94	7.03
North Dakota	4.73	8.59	4.56	4.42	5.01	4.34	3.78	5.77
Ohio	6.35	10.02	5.93	5.86	5.80	5.88	6.65	6.91
Oklahoma	NA	NA	5.60	7.13	6.87	NA	7.50	NA
Oregon	9.10	7.60	6.71	8.82	9.11	9.12	9.18	9.15
Pennsylvania	8.12	11.05	7.15	8.78	8.19	7.94	8.16	7.97
Rhode Island	NA	10.43	7.70	9.83	10.40	10.14	10.10	NA
South Carolina	7.82	11.29	7.05	7.35	8.07	7.81	7.73	7.98
South Dakota	4.98	8.81	4.80	5.60	5.15	5.03	4.71	4.85
Tennessee	6.92	10.13	5.85	7.27	6.63	6.74	7.20	6.85
Texas	5.12	9.35	4.72	5.86	5.55	4.70	5.31	4.79
Utah	5.20	7.10	4.66	4.86	5.14	5.17	5.25	5.26
Vermont	8.27	7.72	6.18	8.29	8.29	8.23	8.30	8.23
Virginia	6.62	10.26	6.25	7.57	7.23	5.81	6.80	6.49
Washington	NA	8.54	5.49	8.79	8.89	NA	NA	8.27
West Virginia	7.37	5.48	6.40	8.22	7.44	7.02	7.55	7.22
Wisconsin	5.83	9.02	5.24	5.41	6.49	5.70	5.52	5.99
Wyoming	4.98	9.05	4.42	4.87	4.90	4.92	5.30	4.93
Total	**6.51**	**9.24**	**5.89**	**6.76**	**6.62**	**6.28**	**6.52**	**6.54**

See footnotes at end of table.

Table 22

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	Total	December	November	October	September	August	July	June
Alabama	10.37	9.75	9.57	9.02	11.03	11.25	11.31	11.40
Alaska	2.63	2.95	2.83	2.83	2.46	2.15	2.29	2.16
Arizona	8.15	9.14	8.73	8.25	8.23	8.29	8.23	8.02
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	9.00	5.16	5.00	4.50	5.36	6.45	7.06	9.31
Colorado	7.46	4.64	4.97	7.80	9.32	9.32	9.13	9.04
Connecticut	NA	NA	NA	7.32	NA	7.00	6.87	5.36
Delaware	9.56	9.58	9.66	10.23	10.68	11.25	10.98	10.64
District of Columbia	12.40	10.88	10.68	10.08	10.10	10.47	10.97	11.12
Florida	10.61	7.68	7.68	8.07	8.84	9.02	9.32	9.71
Georgia	8.72	6.23	5.94	5.90	5.87	6.44	7.28	7.13
Hawaii	17.61	18.00	18.27	17.48	17.30	17.54	17.24	17.17
Idaho	NA	8.33	8.55	9.88	8.49	8.48	8.29	8.25
Illinois	NA	NA	5.50	4.84	6.36	7.61	7.48	9.12
Indiana	NA	5.83	7.23	7.36	NA	NA	NA	NA
Iowa	NA	NA	5.20	4.19	6.21	6.80	NA	7.59
Kansas	9.15	7.24	7.27	7.50	7.85	8.33	8.39	9.61
Kentucky	NA	7.17	7.43	8.99	9.32	9.04	10.21	NA
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	10.77	13.45	9.64	5.53	9.16	12.19	13.39	12.71
Maryland	10.12	R8.48	8.38	6.88	R8.29	9.16	9.26	10.53
Massachusetts	NA	NA	9.90	11.21	10.97	11.03	11.52	11.64
Michigan	5.30	5.58	5.53	5.81	6.36	6.94	7.23	6.79
Minnesota	7.57	4.77	5.71	3.84	4.56	5.32	5.62	6.06
Mississippi	NA	5.61	NA	4.69	NA	5.70	5.78	6.98
Missouri	9.68	6.26	9.16	10.09	10.67	10.94	10.90	10.85
Montana	6.64	6.25	6.34	6.58	7.84	7.89	8.04	7.72
Nebraska	7.19	5.07	4.74	4.03	4.74	5.26	5.22	6.13
Nevada	7.97	8.10	9.79	8.46	9.01	8.77	8.09	7.91
New Hampshire	R10.99	R8.84	R8.64	9.86	11.66	12.43	12.87	12.03
New Jersey	7.73	6.06	5.54	6.27	6.46	6.72	6.06	6.42
New Mexico	6.28	3.80	3.80	3.91	3.86	5.18	5.55	4.54
New York	8.26	8.76	7.58	7.97	7.94	8.20	8.66	3.96
North Carolina	10.03	8.10	7.94	8.53	8.70	9.35	9.70	9.88
North Dakota	6.90	4.35	4.67	3.85	5.11	5.45	6.36	7.51
Ohio	9.32	6.90	6.59	7.80	8.32	8.42	11.71	11.04
Oklahoma	NA	R7.13	R7.87	R7.84	R8.47	R8.10	R10.03	R9.78
Oregon	5.13	9.14	4.18	2.69	2.37	2.36	2.34	2.62
Pennsylvania	10.68	8.50	9.73	9.73	11.55	11.83	12.05	11.44
Rhode Island	10.70	10.68	11.27	11.42	11.26	11.77	12.25	11.78
South Carolina	10.05	8.12	8.04	8.17	8.67	8.72	8.72	9.04
South Dakota	NA	NA	5.09	4.02	5.34	5.39	NA	6.90
Tennessee	NA	7.31	NA	7.85	8.05	9.02	8.43	9.22
Texas	R7.50	R5.13	R6.86	R4.93	R4.32	4.34	6.62	7.30
Utah	6.79	6.08	6.51	5.79	6.93	7.13	7.05	6.90
Vermont	7.95	8.35	8.61	8.65	8.85	8.69	7.04	7.99
Virginia	9.63	7.86	8.42	8.09	8.77	9.25	10.05	9.95
Washington	NA	8.56	NA	NA	2.54	2.64	2.63	NA
West Virginia	6.00	7.70	6.55	6.55	6.64	6.75	7.14	6.71
Wisconsin	7.60	5.44	6.17	3.62	4.57	6.40	5.56	6.34
Wyoming	8.31	4.92	6.68	8.11	8.85	8.98	9.55	8.67
Total	**8.12**	**R6.50**	**R6.52**	**5.88**	**6.27**	**6.58**	**7.02**	**6.91**

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001					2000		
	May	April	March	February	January	Total	December	November
Alabama	11.22	10.68	10.90	11.06	9.46	7.68	8.89	9.40
Alaska	2.36	2.45	2.69	2.75	2.73	2.04	2.30	2.10
Arizona	8.11	7.53	7.57	8.40	7.47	6.69	6.99	7.88
Arkansas	NA	NA	NA	NA	NA	5.41	6.67	5.67
California	10.40	11.17	13.70	13.76	11.91	7.51	10.41	8.76
Colorado	9.00	8.75	8.21	7.94	6.78	5.37	6.23	6.37
Connecticut	6.09	7.78	8.41	9.78	10.05	6.62	8.38	7.14
Delaware	10.81	10.10	7.96	11.18	7.78	6.98	8.16	7.42
District of Columbia	12.32	12.82	12.55	13.98	14.07	9.62	12.71	12.72
Florida	12.19	12.78	14.06	12.98	10.19	7.70	9.19	8.47
Georgia	7.74	8.60	9.77	11.36	10.90	7.02	9.67	9.67
Hawaii	17.22	16.78	17.31	18.15	18.91	17.29	18.30	18.11
Idaho	8.21	8.17	7.81	NA	6.55	5.47	6.33	6.60
Illinois	8.86	8.61	9.10	10.85	11.23	6.90	8.63	8.42
Indiana	NA	10.67	NA	NA	NA	5.74	6.53	5.89
Iowa	8.47	7.68	7.57	8.69	9.11	6.69	8.93	7.26
Kansas	10.13	8.66	8.83	9.88	10.56	6.80	8.49	8.57
Kentucky	11.23	9.58	9.70	10.26	8.68	6.68	8.26	7.83
Louisiana	NA	NA	NA	NA	NA	7.41	10.95	10.54
Maine	7.90	13.48	10.67	10.89	10.05	6.06	1.76	3.10
Maryland	10.97	10.94	9.92	12.29	10.99	8.08	8.59	8.82
Massachusetts	12.59	12.54	13.99	12.33	10.51	8.61	10.53	9.63
Michigan	6.60	5.08	4.85	4.80	4.83	4.79	4.68	4.84
Minnesota	7.43	7.74	7.77	9.43	11.44	5.99	8.13	6.83
Mississippi	8.19	8.80	7.92	8.32	11.65	6.48	8.05	7.09
Missouri	10.20	10.46	10.77	10.62	9.05	6.91	9.00	8.41
Montana	7.87	7.52	9.50	5.01	6.82	5.90	6.27	6.22
Nebraska	6.92	7.22	7.79	9.86	8.41	5.48	7.41	6.59
Nevada	7.81	7.79	7.62	7.65	6.22	5.54	5.50	5.50
New Hampshire	9.76	11.34	12.22	11.73	11.18	8.52	10.78	10.37
New Jersey	7.05	7.05	7.18	9.70	9.68	5.92	9.43	7.39
New Mexico	7.70	9.45	8.87	7.85	6.93	4.90	6.26	5.30
New York	5.22	8.45	9.04	11.07	9.63	7.76	12.11	8.73
North Carolina	9.88	10.30	11.48	11.71	10.43	7.61	8.75	9.39
North Dakota	7.49	7.38	7.27	8.59	10.12	5.80	7.67	6.99
Ohio	11.26	10.58	10.44	10.74	8.86	7.01	8.79	8.70
Oklahoma	R9.13	R8.84	NA	NA	NA	6.37	7.61	7.67
Oregon	7.51	7.70	7.69	7.59	7.52	6.48	6.63	6.64
Pennsylvania	12.25	12.07	11.08	10.76	10.51	7.72	8.67	8.27
Rhode Island	10.82	10.44	10.36	10.42	10.35	8.54	10.32	9.97
South Carolina	9.65	10.11	10.64	12.03	12.35	7.72	9.62	9.27
South Dakota	7.20	7.66	7.20	9.25	10.81	6.05	7.96	6.96
Tennessee	9.04	8.80	8.88	12.47	9.89	6.82	8.65	8.48
Texas	9.56	7.40	8.36	9.55	10.67	5.74	7.36	7.15
Utah	6.87	6.54	7.28	7.23	7.19	4.93	5.46	5.44
Vermont	7.73	7.76	7.69	7.70	7.72	6.49	7.72	7.20
Virginia	9.47	9.37	9.34	10.99	10.85	7.57	9.82	9.05
Washington	9.04	9.04	9.05	8.72	7.33	6.01	7.09	7.11
West Virginia	6.58	6.38	6.61	6.60	2.97	6.58	6.53	6.71
Wisconsin	8.21	8.31	7.87	8.30	11.11	6.32	8.34	7.32
Wyoming	11.04	11.72	10.00	8.00	6.96	5.27	7.48	6.17
Total	**8.52**	**8.86**	**9.02**	**9.72**	**9.41**	**6.59**	**8.20**	**7.57**

R Revised Data.
NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 23

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				May	April	March	February	January
Alabama	4.41	7.97	3.78	4.63	4.24	4.13	4.44	4.62
Alaska	1.77	1.54	1.37	1.62	1.64	1.66	1.68	2.18
Arizona	5.45	6.46	3.95	4.95	5.51	5.29	5.63	5.75
Arkansas	4.86	NA	4.37	5.05	4.28	4.63	5.00	5.17
California	5.02	10.44	4.34	4.95	5.60	4.38	4.65	5.67
Colorado	NA	4.46	3.01	2.88	3.76	3.08	2.96	NA
Connecticut	4.90	8.87	5.29	4.86	4.15	4.94	5.16	5.18
Delaware	6.11	7.42	4.24	5.47	6.16	6.11	6.02	6.58
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.30	8.11	4.85	4.84	4.29	4.97	3.46	4.44
Georgia	4.64	8.28	4.23	7.25	5.01	3.81	3.59	3.83
Hawaii	9.70	11.37	9.00	9.97	9.66	9.85	10.48	8.59
Idaho	7.77	5.86	3.54	7.78	7.75	8.07	7.65	7.64
Illinois	4.70	7.22	4.26	5.91	4.82	4.40	4.66	4.21
Indiana	6.41	9.30	4.93	7.63	7.18	4.60	6.20	7.62
Iowa	4.51	8.46	4.44	5.17	4.27	4.73	4.31	4.29
Kansas	NA	7.67	3.62	3.99	4.00	4.02	4.86	NA
Kentucky	4.52	7.77	3.70	4.46	4.54	4.11	4.65	4.83
Louisiana	NA	NA	2.81	NA	2.25	2.03	1.99	3.22
Maine	4.48	9.63	3.71	4.93	R4.43	3.73	—	7.25
Maryland	NA	12.00	7.04	6.57	7.90	6.21	R7.63	NA
Massachusetts	NA	11.05	6.86	11.38	NA	NA	8.52	8.29
Michigan	4.94	4.42	3.65	4.93	4.81	4.97	5.01	4.93
Minnesota	3.91	7.12	3.34	3.96	4.54	3.50	3.57	3.85
Mississippi	4.09	7.56	3.57	4.28	4.52	3.83	3.72	4.20
Missouri	5.52	8.88	4.77	5.94	5.89	5.00	5.29	5.97
Montana	3.83	5.20	6.49	3.41	3.58	3.72	3.90	4.30
Nebraska	4.00	7.26	3.79	4.33	4.36	3.90	3.57	4.05
Nevada	7.34	6.65	4.49	7.03	6.73	7.85	6.91	7.71
New Hampshire	NA	11.01	5.43	7.81	NA	NA	NA	6.06
New Jersey	3.69	7.47	4.15	4.58	3.50	3.35	3.90	3.35
New Mexico	4.65	6.95	3.00	3.89	4.27	5.36	4.23	6.78
New York	6.08	9.60	5.51	5.59	5.75	6.25	6.41	6.27
North Carolina	4.04	8.21	4.55	3.85	2.59	4.06	5.44	4.77
North Dakota	3.78	6.95	3.20	5.30	4.49	6.24	2.22	1.17
Ohio	6.17	9.39	4.46	5.34	6.14	5.97	6.18	6.63
Oklahoma	NA	8.20	4.54	6.04	7.61	NA	6.89	7.05
Oregon	7.30	5.93	4.68	7.23	7.15	7.29	7.38	7.40
Pennsylvania	7.26	8.38	4.77	6.24	7.07	7.50	7.44	7.57
Rhode Island	6.34	7.77	4.01	6.88	5.75	5.87	6.70	6.85
South Carolina	4.08	7.50	4.09	4.59	4.45	3.79	3.46	4.11
South Dakota	4.14	7.15	3.50	4.41	4.06	4.08	4.10	4.14
Tennessee	5.25	8.14	4.53	5.27	5.17	5.31	5.12	5.36
Texas	NA	6.29	2.76	3.57	NA	NA	2.30	2.64
Utah	4.67	5.91	3.41	4.34	4.63	4.59	4.74	4.96
Vermont	4.35	5.92	2.65	4.41	4.08	4.36	4.40	4.46
Virginia	4.70	8.53	4.90	4.10	4.79	4.98	4.79	4.82
Washington	NA	5.79	4.03	4.34	4.98	4.88	NA	4.81
West Virginia	NA	6.64	4.13	4.56	4.79	3.86	3.78	NA
Wisconsin	5.20	8.25	4.28	4.82	5.63	4.99	4.99	5.52
Wyoming	4.71	7.21	3.39	4.60	4.73	4.71	4.75	4.78
Total	**3.62**	**6.91**	**3.58**	**3.92**	**4.01**	**3.36**	**3.30**	**3.65**

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	Total	December	November	October	September	August	July	June
Alabama	[R]6.19	4.49	4.72	[R]4.20	4.48	5.15	5.42	5.62
Alaska	1.66	1.86	1.79	1.82	1.76	1.75	1.74	1.49
Arizona	5.78	5.92	5.70	4.96	5.09	5.73	4.60	5.58
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	7.74	4.38	3.98	3.85	4.50	5.52	6.07	8.32
Colorado	[R]3.86	[R]2.82	[R]3.01	[R]2.37	[R]3.54	[R]3.92	[R]3.95	4.12
Connecticut	6.60	5.69	4.91	4.50	5.05	4.48	3.03	6.10
Delaware	6.87	6.13	5.70	6.21	6.31	6.56	6.67	6.91
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.93	4.13	4.40	5.53	5.89	5.85	6.79	6.41
Georgia	6.14	3.49	4.40	3.09	3.94	4.59	5.03	5.31
Hawaii	11.11	10.56	10.76	11.18	10.62	10.89	11.07	11.17
Idaho	6.58	8.96	7.33	7.26	8.17	6.90	6.66	6.37
Illinois	NA	NA	3.56	3.70	4.35	4.79	2.03	3.90
Indiana	NA	3.52	7.38	4.05	NA	8.79	NA	8.72
Iowa	NA	NA	4.22	3.83	5.09	5.39	NA	8.02
Kansas	4.83	3.89	3.02	3.18	4.12	4.49	4.77	5.15
Kentucky	6.40	4.73	5.05	4.74	4.25	5.06	5.53	5.85
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	8.33	4.60	4.42	5.75	8.25	6.65	8.06	7.98
Maryland	[R]9.12	[R]6.98	[R]7.44	[R]6.26	[R]6.69	[R]7.07	[R]7.38	[R]9.40
Massachusetts	NA	NA	8.11	6.99	9.95	9.47	8.94	9.06
Michigan	4.66	5.00	5.05	5.02	5.05	5.11	5.19	5.63
Minnesota	5.22	4.18	4.05	2.51	3.71	3.74	3.81	4.32
Mississippi	NA	3.74	NA	3.82	3.97	4.36	4.81	4.58
Missouri	7.23	2.64	7.32	7.58	7.48	8.01	7.94	8.37
Montana	5.30	4.80	4.96	5.94	6.72	6.72	6.22	6.05
Nebraska	5.74	4.02	4.08	3.31	3.84	4.41	4.28	4.76
Nevada	NA	1.96	9.37	9.11	NA	NA	6.93	7.41
New Hampshire	[R]7.72	[R]4.60	4.93	3.71	4.59	5.80	8.22	9.55
New Jersey	5.40	4.45	3.41	3.57	3.95	3.85	5.39	5.70
New Mexico	5.82	2.52	2.81	2.96	3.31	4.52	4.27	4.23
New York	NA	NA	NA	5.49	NA	5.46	6.04	5.73
North Carolina	NA	4.14	4.38	NA	5.82	5.24	5.48	5.25
North Dakota	5.28	3.37	4.05	2.51	3.11	3.82	3.68	4.50
Ohio	8.68	6.81	6.53	7.53	8.90	6.94	7.92	11.26
Oklahoma	7.86	6.79	6.61	7.33	6.59	6.82	9.11	8.18
Oregon	6.09	7.26	7.26	6.63	5.72	5.59	5.46	5.59
Pennsylvania	7.47	6.74	7.26	4.97	6.14	5.81	6.23	6.89
Rhode Island	6.54	6.46	5.63	4.84	5.74	5.89	5.22	5.70
South Carolina	5.46	3.96	4.54	3.35	3.86	4.33	4.50	5.11
South Dakota	6.13	4.38	4.06	4.26	5.01	5.09	5.13	5.84
Tennessee	NA	5.09	NA	4.89	5.63	5.60	5.80	6.44
Texas	3.81	2.62	3.41	2.29	2.56	3.28	3.33	3.91
Utah	5.28	4.91	5.05	4.26	4.93	4.99	4.89	4.42
Vermont	5.09	4.23	4.30	4.41	4.36	4.39	4.71	4.87
Virginia	NA	5.27	NA	NA	5.51	4.10	5.01	4.89
Washington	NA	4.43	4.97	NA	4.00	3.49	NA	6.58
West Virginia	3.84	2.85	2.84	2.78	3.54	3.70	3.87	4.35
Wisconsin	6.75	5.21	5.53	3.30	4.04	4.59	4.55	6.09
Wyoming	7.08	5.48	5.09	7.76	7.82	8.01	8.06	7.52
Total	**4.85**	**3.43**	**3.95**	**[R]3.00**	**3.28**	**3.78**	**3.94**	**4.79**

See footnotes at end of table.

Table 23

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001					2000		
	May	April	March	February	January	Total	December	November
Alabama	6.67	7.16	6.75	8.73	9.81	4.67	6.64	5.18
Alaska	1.52	1.51	1.55	1.55	1.56	1.51	2.24	1.54
Arizona	5.78	5.93	5.97	6.74	8.07	4.40	5.97	3.93
Arkansas	NA	NA	NA	NA	5.30	5.23	5.15	6.89
California	8.86	11.74	11.68	11.11	8.95	5.30	7.63	6.66
Colorado	R3.50	4.02	3.98	4.91	6.10	3.49	4.03	4.06
Connecticut	7.02	8.05	8.18	11.55	9.87	5.96	9.11	7.28
Delaware	8.22	7.38	11.56	4.62	7.39	5.03	6.60	5.37
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.02	8.40	8.16	7.85	8.13	5.82	7.08	6.57
Georgia	6.06	6.27	7.80	9.75	10.30	4.83	6.27	5.69
Hawaii	11.23	11.08	11.04	11.84	11.65	10.17	11.93	11.80
Idaho	6.59	6.89	6.35	5.56	4.87	4.02	5.54	4.82
Illinois	2.71	5.17	7.02	9.57	10.59	5.81	8.23	7.67
Indiana	9.74	9.41	12.41	8.09	8.85	5.00	5.25	5.38
Iowa	6.30	7.87	9.41	8.36	9.46	5.49	7.88	6.18
Kansas	6.04	7.03	7.49	10.27	8.66	4.01	6.59	5.34
Kentucky	6.26	7.23	7.76	8.16	8.35	4.82	7.47	6.44
Louisiana	NA	NA	NA	NA	NA	4.02	6.30	4.75
Maine	8.00	9.16	9.43	10.22	9.22	4.10	5.77	5.10
Maryland	R9.60	R10.06	R10.79	R15.14	R12.19	7.86	9.27	8.36
Massachusetts	10.33	12.69	13.84	9.71	9.44	7.47	9.61	8.75
Michigan	5.62	4.30	4.36	4.30	4.25	3.87	3.96	4.40
Minnesota	5.57	6.24	6.02	6.78	11.91	4.45	6.65	5.27
Mississippi	6.05	6.08	6.44	6.95	11.40	4.66	6.89	5.40
Missouri	8.57	9.09	9.76	10.22	7.63	5.71	8.75	7.25
Montana	5.08	4.91	5.01	6.10	4.75	7.43	8.27	8.39
Nebraska	5.36	6.77	7.16	8.59	7.53	4.74	6.79	5.68
Nevada	7.39	6.86	7.32	7.27	5.46	5.11	6.10	6.26
New Hampshire	8.00	10.92	12.66	11.42	11.24	6.18	10.28	9.48
New Jersey	6.34	6.55	7.24	9.50	8.29	5.15	7.06	8.18
New Mexico	6.52	8.04	6.95	7.37	3.72	4.39	5.56	5.12
New York	6.79	7.98	8.66	10.27	14.24	6.13	11.94	6.59
North Carolina	5.87	6.80	6.40	12.01	9.84	5.31	6.21	10.70
North Dakota	5.47	5.83	5.81	7.08	9.82	4.18	6.15	4.97
Ohio	7.57	10.19	10.29	11.06	7.83	5.12	6.37	5.89
Oklahoma	7.97	7.90	7.89	7.90	8.85	5.30	6.87	6.68
Oregon	5.79	5.80	5.86	5.93	6.21	4.93	6.01	5.65
Pennsylvania	7.40	8.59	9.19	7.43	8.99	5.03	5.88	6.04
Rhode Island	7.11	7.24	7.40	7.99	9.03	5.38	9.16	6.93
South Carolina	6.30	6.61	6.64	7.97	10.41	4.93	7.10	5.66
South Dakota	5.89	5.66	6.42	8.75	7.91	4.38	6.61	5.19
Tennessee	6.81	7.04	7.40	10.26	8.58	5.08	6.94	5.42
Texas	4.79	5.37	5.34	6.31	9.14	4.10	6.76	4.80
Utah	5.14	5.52	5.88	6.18	6.58	3.93	5.79	4.93
Vermont	5.03	4.71	5.44	6.38	8.41	2.99	3.80	3.67
Virginia	5.61	6.14	R8.56	9.60	10.11	5.23	7.59	6.63
Washington	5.25	5.73	3.76	6.71	7.42	4.04	7.96	5.06
West Virginia	5.76	6.36	6.01	6.69	8.68	4.46	4.85	4.52
Wisconsin	6.87	7.75	7.04	7.61	11.36	5.45	7.68	6.44
Wyoming	7.92	7.65	7.39	6.77	6.77	4.07	5.00	4.70
Total	**R5.43**	**6.16**	**R6.39**	**7.31**	**R8.64**	**4.48**	**6.67**	**5.39**

R Revised Data.
NA Not Available.
— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				2001
				April	March	February	January	Total
Alabama	NA	7.16	3.71	NA	R3.07	R2.44	2.66	4.50
Alaska	NA	2.17	1.66	NA	R2.77	R2.57	2.57	2.37
Arizona	NA	6.55	3.01	NA	R3.45	R2.66	3.33	4.71
Arkansas	NA	7.05	3.00	NA	R3.82	R2.66	2.64	4.47
California	NA	11.81	3.22	NA	R4.42	R4.58	5.93	8.59
Colorado	NA	5.75	2.78	NA	R3.01	R2.67	2.95	3.86
Connecticut	NA	—	—	NA	—	—	—	—
Delaware	NA	8.21	5.07	NA	R3.86	R3.05	3.30	4.46
District of Columbia	NA	—	—	NA	—	—	—	—
Florida	NA	7.53	3.36	NA	R3.64	R3.29	3.48	4.79
Georgia	NA	6.13	4.35	NA	R3.66	R2.70	8.67	3.61
Hawaii	NA	—	—	NA	—	—	—	—
Idaho	NA	—	—	NA	—	—	—	—
Illinois	NA	7.03	3.17	NA	R3.19	R3.14	3.23	4.01
Indiana	NA	7.41	3.54	NA	R3.25	R3.07	3.36	5.26
Iowa	NA	6.22	3.21	NA	R3.18	R2.91	3.44	4.48
Kansas	NA	6.38	2.86	NA	R2.94	R2.27	2.26	3.64
Kentucky	NA	7.98	3.79	NA	R4.61	R3.97	3.55	4.40
Louisiana	NA	7.01	2.96	NA	R3.18	R2.49	2.76	4.30
Maine	NA	—	—	NA	—	—	—	—
Maryland	NA	—	3.62	NA	—	—	—	—
Massachusetts	NA	7.52	3.48	NA	R3.89	R3.26	3.23	3.71
Michigan	NA	3.69	2.46	NA	R2.10	R2.64	3.08	3.36
Minnesota	NA	7.28	3.09	NA	R2.55	R4.16	3.94	4.67
Mississippi	NA	6.55	2.88	NA	R2.83	R2.36	2.62	3.69
Missouri	NA	6.24	2.96	NA	R3.24	R3.04	3.19	4.67
Montana	NA	8.48	4.02	NA	R4.82	R4.68	4.89	7.20
Nebraska	NA	8.24	3.27	NA	R4.57	R2.22	3.12	4.52
Nevada	NA	8.44	2.91	NA	R7.28	R8.09	7.83	8.36
New Hampshire	NA	—	3.27	NA	—	—	—	2.56
New Jersey	NA	—	3.90	NA	—	—	—	3.21
New Mexico	NA	6.09	2.68	NA	R3.47	R2.91	2.68	4.21
New York	NA	8.70	3.75	NA	R3.26	R2.83	3.38	4.24
North Carolina	NA	7.81	4.21	NA	R4.84	R4.47	4.88	4.76
North Dakota	NA	6.52	—	NA	R2.68	R2.88	—	5.93
Ohio	NA	9.20	3.12	NA	R5.78	R3.98	5.95	8.33
Oklahoma	NA	7.23	3.25	NA	R3.17	R2.90	3.15	4.40
Oregon	NA	4.47	2.24	NA	R3.30	R2.96	3.36	3.80
Pennsylvania	NA	7.85	3.23	NA	—	—	—	7.85
Rhode Island	NA	—	—	NA	—	—	—	—
South Carolina	NA	7.76	5.65	NA	R4.48	R6.12	4.13	4.87
South Dakota	NA	—	—	NA	—	—	—	—
Tennessee	NA	—	—	NA	—	—	—	—
Texas	NA	6.42	2.82	NA	R3.05	R2.66	2.74	4.26
Utah	NA	5.53	2.98	NA	R6.10	R9.98	11.71	4.97
Vermont	NA	6.26	3.45	NA	R3.13	R2.73	3.54	4.90
Virginia	NA	12.34	3.55	NA	R7.43	R11.52	8.92	4.39
Washington	NA	—	—	NA	—	—	—	—
West Virginia	NA	8.26	3.84	NA	R3.44	R2.98	4.66	5.96
Wisconsin	NA	6.63	3.27	NA	R3.41	R3.30	3.27	4.72
Wyoming	NA	4.67	2.88	NA	R4.43	R5.09	7.21	4.04
Total	NA	**6.75**	**2.99**	NA	**R3.40**	**R3.10**	**3.39**	**4.51**

See footnotes at end of table.

Table 24

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	December	November	October	September	August	July	June	May
Alabama	2.57	4.96	2.56	3.88	3.37	3.55	5.21	5.08
Alaska	2.60	2.59	2.66	2.45	2.46	2.44	2.32	2.27
Arizona	2.93	3.13	2.67	2.88	3.64	3.55	3.94	4.46
Arkansas	2.70	3.60	2.44	2.67	3.24	3.53	4.16	5.24
California	5.64	3.43	4.03	5.01	5.98	8.55	8.26	10.64
Colorado	2.73	3.42	2.36	2.87	2.82	2.78	3.36	4.13
Connecticut	—	—	—	—	—	—	—	—
Delaware	3.12	—	3.74	—	4.00	4.16	4.76	—
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.15	3.83	2.80	3.68	4.38	4.53	4.81	5.93
Georgia	3.52	—	2.55	2.45	3.26	3.13	3.82	5.21
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.04	2.14	2.85	4.35	3.76	4.81	5.23	4.44
Indiana	4.07	3.95	4.04	3.78	4.07	4.56	4.67	5.85
Iowa	3.66	3.82	2.69	3.13	3.57	3.97	4.81	6.49
Kansas	2.63	2.56	2.35	2.37	3.23	3.26	3.89	4.51
Kentucky	3.65	4.50	2.83	2.85	3.75	3.80	4.45	8.53
Louisiana	2.78	3.15	2.26	2.44	3.22	3.40	4.06	5.03
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	3.30	3.20	2.82	2.81	3.57	3.43	4.41	5.04
Michigan	2.82	2.37	2.80	2.60	3.13	3.83	4.52	5.08
Minnesota	3.48	2.99	3.50	3.86	4.15	4.19	4.80	4.66
Mississippi	2.48	2.67	2.13	2.64	3.54	3.59	4.07	4.77
Missouri	3.01	3.02	2.90	4.62	5.01	4.80	4.68	4.37
Montana	4.85	5.07	5.44	5.34	6.26	7.66	7.94	7.66
Nebraska	3.66	4.34	2.53	3.78	3.82	3.83	3.55	3.78
Nevada	5.79	3.72	10.64	13.58	9.42	9.88	7.06	7.04
New Hampshire	—	—	2.55	2.47	3.54	—	—	—
New Jersey	3.58	3.03	3.03	—	—	—	—	—
New Mexico	2.56	2.99	2.31	2.80	3.21	3.40	3.92	4.94
New York	3.12	3.54	2.75	2.88	3.72	3.54	4.43	5.31
North Carolina	4.70	5.40	3.58	3.80	4.63	4.69	5.34	6.06
North Dakota	—	—	—	4.49	—	—	—	6.28
Ohio	5.77	4.37	6.30	9.74	6.51	8.52	9.49	9.45
Oklahoma	3.16	3.53	3.03	2.73	3.49	3.59	4.14	5.41
Oregon	3.85	3.62	3.23	3.20	3.25	3.32	3.59	3.72
Pennsylvania	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	5.73	5.85	2.34	5.68	5.84	6.63	6.28	5.84
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	2.84	3.07	2.53	2.70	3.46	3.49	4.04	4.79
Utah	—	10.12	6.67	3.96	3.64	3.69	4.11	3.93
Vermont	—	—	—	—	—	—	4.67	4.63
Virginia	3.52	—	—	3.06	4.05	4.15	5.00	7.54
Washington	—	—	—	—	—	—	—	—
West Virginia	2.97	4.07	5.44	4.07	4.25	4.81	7.87	9.37
Wisconsin	3.65	3.62	2.81	3.33	4.08	3.66	4.65	5.66
Wyoming	—	—	3.61	—	3.03	3.48	2.66	3.71
Total	**3.11**	**3.31**	**2.79**	**3.15**	**3.73**	**3.84**	**4.35**	**5.15**

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001				2000			
	April	March	February	January	Total	December	November	October
Alabama	5.88	6.26	6.05	9.75	4.52	1.18	9.80	6.70
Alaska	2.32	2.13	2.13	2.12	1.77	1.96	1.98	1.97
Arizona	5.35	5.69	6.76	9.53	4.86	8.65	6.07	5.49
Arkansas	6.68	5.49	6.31	8.88	4.46	10.81	6.37	5.31
California	10.04	10.33	14.57	12.35	5.88	19.91	7.68	6.19
Colorado	5.06	5.26	6.13	7.11	4.12	7.93	4.97	4.00
Connecticut	—	—	—	—	—	—	—	—
Delaware	7.55	6.94	7.43	10.46	4.92	11.14	8.39	7.84
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.35	5.59	8.91	10.87	4.50	6.63	5.57	6.24
Georgia	5.93	8.07	6.90	7.23	4.31	10.85	8.94	8.81
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	6.18	5.57	6.44	9.49	4.84	10.60	6.57	6.50
Indiana	6.05	6.80	7.98	7.71	4.56	7.71	5.80	6.61
Iowa	6.35	6.23	7.11	5.31	4.56	7.04	5.54	5.98
Kansas	5.33	5.78	6.06	9.10	4.18	8.79	5.74	5.12
Kentucky	—	7.18	8.24	10.32	5.08	7.22	5.81	6.26
Louisiana	5.82	5.65	6.88	10.07	4.55	8.97	5.64	5.62
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	4.62	—	—	—
Massachusetts	7.08	7.14	7.46	13.46	4.60	8.93	5.56	5.94
Michigan	5.03	5.32	5.11	1.33	2.77	2.81	3.16	1.88
Minnesota	5.74	5.31	7.83	11.79	4.54	6.52	5.62	5.73
Mississippi	5.52	5.37	6.38	10.26	4.01	9.29	5.76	5.44
Missouri	5.82	4.89	6.09	12.36	4.42	5.00	6.33	5.40
Montana	7.25	8.32	9.73	10.88	5.81	7.31	13.52	7.46
Nebraska	6.88	5.80	9.75	23.69	4.60	3.62	5.99	5.51
Nevada	6.24	7.60	9.05	10.52	4.86	11.56	7.48	4.87
New Hampshire	—	—	—	—	3.37	—	—	—
New Jersey	—	—	—	—	4.42	—	—	—
New Mexico	5.45	6.07	6.06	7.87	3.94	7.35	5.14	4.82
New York	6.12	6.32	8.12	17.03	4.68	10.22	5.65	6.07
North Carolina	7.81	—	—	—	4.43	8.79	7.57	5.60
North Dakota	—	6.52	—	—	—	—	—	—
Ohio	9.22	9.50	9.51	7.47	4.97	6.39	5.81	5.89
Oklahoma	6.07	6.42	6.23	10.20	4.54	7.76	5.29	5.83
Oregon	4.12	4.32	4.16	5.41	2.94	4.74	3.78	2.71
Pennsylvania	—	5.53	7.29	11.04	3.83	6.67	6.02	5.77
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	6.49	6.89	7.24	10.98	5.72	9.82	7.02	6.55
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	5.48	5.38	6.09	9.01	4.24	7.95	5.23	5.34
Utah	4.32	4.78	6.30	6.92	4.02	6.15	5.23	4.66
Vermont	5.84	5.84	7.69	—	4.91	7.05	6.54	5.60
Virginia	10.08	22.19	34.18	4.00	4.66	2.12	9.11	7.65
Washington	—	—	—	—	—	—	—	—
West Virginia	6.80	8.45	10.14	8.10	4.98	5.73	6.03	6.15
Wisconsin	6.07	5.88	6.57	8.65	4.48	7.23	5.43	5.92
Wyoming	4.06	5.06	4.91	5.00	3.92	4.22	3.47	1.09
Total	**5.70**	**5.69**	**6.85**	**9.47**	**4.38**	**8.23**	**5.37**	**5.17**

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

[R] Revised Data.

[NA] Not Available.

— Not Applicable.

Notes: April 2002 data not available in time for publication. See box on page one for more information. Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002

State	YTD 2002		YTD 2001		YTD 2000		2002 May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	NA	17.6	82.0	14.2	83.4	22.1	72.0	14.2
Alaska	NA	87.7	65.9	92.1	57.2	99.8	NA	81.3
Arizona	93.4	64.8	92.2	50.7	84.0	39.5	90.3	45.2
Arkansas	NA	3.1	NA	NA	90.7	8.0	NA	2.8
California	68.7	4.3	62.0	3.7	58.9	6.8	64.5	6.2
Colorado	NA	NA	99.9	11.0	98.5	11.3	99.6	0.7
Connecticut	NA	NA	75.8	57.4	77.2	41.4	71.2	48.8
Delaware	NA	NA	98.5	18.3	98.2	8.7	NA	20.5
District of Columbia	22.9	—	28.1	—	42.3	—	20.8	—
Florida	43.4	1.3	57.7	3.0	70.0	4.6	39.2	1.4
Georgia	9.1	5.3	12.2	6.8	20.9	20.5	10.1	5.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	77.5	2.3	86.7	2.7	88.4	3.1	79.0	0.9
Illinois	40.4	9.4	43.3	12.9	44.5	9.1	34.6	7.2
Indiana	77.4	6.5	NA	8.8	78.8	8.2	81.5	4.7
Iowa	80.9	6.4	85.0	6.8	82.0	6.7	77.1	4.6
Kansas	61.8	4.7	65.4	3.0	63.3	6.2	53.6	7.3
Kentucky	74.9	16.2	83.6	17.4	87.0	19.4	71.5	13.7
Louisiana	NA	NA	NA	NA	97.0	11.5	NA	NA
Maine	NA	NA	100.0	82.7	100.0	56.1	NA	NA
Maryland	NA	NA	42.4	7.6	38.7	5.5	30.6	3.1
Massachusetts	49.9	NA	62.7	20.4	64.8	15.9	39.1	33.0
Michigan	68.4	10.2	66.8	11.9	60.7	8.9	58.1	8.0
Minnesota	NA	29.6	98.6	41.3	96.7	41.3	91.8	41.5
Mississippi	96.2	26.7	93.6	25.7	96.3	25.4	95.8	22.9
Missouri	79.0	18.7	85.1	17.1	83.1	18.8	53.9	9.1
Montana	75.3	2.9	77.8	2.8	72.4	2.3	69.8	2.1
Nebraska	59.7	17.8	62.9	23.0	61.2	17.0	50.1	12.7
Nevada	87.2	6.9	68.2	5.0	58.4	6.8	84.5	46.0
New Hampshire	NA	NA	90.3	32.5	92.0	37.8	75.7	38.7
New Jersey	51.6	40.5	62.6	40.1	54.2	49.0	29.3	18.0
New Mexico	67.5	8.9	63.5	28.1	59.7	13.2	50.5	15.9
New York	46.6	NA	65.3	5.8	35.1	3.7	36.8	9.5
North Carolina	91.0	32.7	97.4	36.1	97.3	50.6	87.0	44.2
North Dakota	NA	14.7	90.8	11.2	89.3	20.7	52.1	10.9
Ohio	36.2	3.5	44.0	4.5	47.2	6.5	30.0	1.2
Oklahoma	NA	NA	NA	4.3	75.9	4.6	64.6	2.2
Oregon	94.4	14.9	99.8	15.1	98.8	12.7	98.4	12.3
Pennsylvania	58.0	5.5	65.7	11.0	59.8	11.3	47.1	4.7
Rhode Island	NA	2.7	63.6	3.6	57.8	6.5	51.3	55.4
South Carolina	98.2	82.7	97.9	83.0	98.9	86.8	100.0	85.4
South Dakota	NA	NA	86.1	27.1	82.7	42.9	80.0	37.9
Tennessee	90.6	25.0	94.1	21.7	94.2	38.7	85.1	23.5
Texas	84.0	NA	48.3	22.4	78.4	27.9	89.3	41.8
Utah	85.6	13.7	86.5	10.4	84.5	9.6	72.9	13.1
Vermont	100.0	79.0	100.0	80.3	100.0	82.7	100.0	74.5
Virginia	62.8	13.7	74.2	12.1	66.6	15.0	58.7	14.2
Washington	NA	NA	94.4	20.6	95.3	26.9	92.4	29.5
West Virginia	41.5	NA	74.8	7.8	58.9	7.3	21.7	15.8
Wisconsin	77.1	20.6	77.7	22.3	80.1	22.7	69.1	16.9
Wyoming	88.6	NA	87.8	5.0	90.2	1.8	96.1	2.0
Total	**64.1**	**19.3**	**67.1**	**14.8**	**64.3**	**18.3**	**57.1**	**19.7**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2002							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	78.1	R15.7	NA	R17.7	80.9	R17.5	76.0	R19.0
Alaska	61.6	99.4	61.5	99.2	58.9	99.2	59.8	99.3
Arizona	92.1	51.2	93.2	64.1	94.8	53.9	94.9	68.9
Arkansas	NA	2.8	NA	4.1	65.5	3.5	NA	4.7
California	68.0	5.8	72.1	6.7	69.0	7.4	69.2	6.1
Colorado	NA	NA	99.5	0.1	99.2	—	89.0	NA
Connecticut	61.2	NA	85.2	NA	NA	56.4	72.0	39.4
Delaware	NA	NA	NA	NA	98.1	13.3	97.6	12.6
District of Columbia	21.6	—	22.6	—	23.8	—	23.8	—
Florida	40.4	1.4	43.7	1.6	44.6	2.5	47.7	1.6
Georgia	11.7	5.5	9.8	4.8	8.1	6.3	8.5	5.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	73.2	2.4	75.6	2.6	78.6	2.8	79.9	2.6
Illinois	37.9	9.8	41.0	10.6	43.1	10.7	41.3	11.3
Indiana	75.9	5.7	78.9	9.0	76.2	7.2	76.9	7.5
Iowa	83.2	6.2	80.7	7.6	82.4	4.6	79.6	8.3
Kansas	62.7	7.3	63.1	3.7	64.0	2.8	60.9	2.9
Kentucky	72.6	16.2	68.0	17.6	77.1	16.9	81.9	16.6
Louisiana	R26.2	R9.5	NA	9.3	66.0	9.5	61.2	8.3
Maine	NA	NA	50.2	100.0	53.3	—	57.4	100.0
Maryland	25.0	4.0	36.8	2.4	NA	R4.5	NA	NA
Massachusetts	43.5	NA	56.4	NA	50.2	55.1	55.3	29.3
Michigan	65.5	11.1	76.1	13.7	68.7	12.9	68.5	14.0
Minnesota	84.2	30.7	NA	39.1	90.8	16.0	93.2	21.3
Mississippi	95.0	26.9	96.1	27.2	95.9	29.5	97.4	27.4
Missouri	82.2	14.1	85.8	23.0	80.4	24.4	80.1	21.4
Montana	73.2	2.4	81.8	3.7	73.6	3.0	74.6	3.1
Nebraska	51.5	15.0	58.7	25.4	57.5	16.6	75.0	19.4
Nevada	86.0	39.6	87.3	60.8	88.7	46.5	88.0	60.0
New Hampshire	NA	NA	84.2	NA	84.0	NA	84.5	32.1
New Jersey	49.7	20.7	53.8	20.2	55.3	21.4	59.7	27.2
New Mexico	54.0	8.9	63.7	4.4	75.9	5.4	78.2	2.7
New York	44.4	NA	48.4	8.5	49.3	14.2	50.4	9.3
North Carolina	89.7	39.1	90.6	27.0	91.6	25.1	92.7	29.9
North Dakota	91.9	14.8	NA	18.1	92.8	15.4	93.3	14.4
Ohio	34.8	3.1	33.8	3.3	37.1	3.3	41.3	3.5
Oklahoma	73.4	3.1	NA	NA	74.5	4.9	NA	5.4
Oregon	98.5	18.9	98.9	19.9	98.9	20.4	83.7	18.5
Pennsylvania	54.9	4.8	57.7	5.7	60.4	6.8	62.7	7.3
Rhode Island	56.4	67.9	NA	62.9	61.1	48.3	NA	53.4
South Carolina	99.7	82.6	97.0	78.8	97.2	81.9	98.4	84.6
South Dakota	85.3	43.1	89.3	36.7	85.3	50.0	NA	NA
Tennessee	91.4	22.1	91.9	28.6	93.7	24.4	88.5	26.4
Texas	73.4	NA	75.3	NA	90.8	44.1	91.9	41.0
Utah	78.5	94.6	90.3	93.6	87.1	94.8	87.3	94.4
Vermont	100.0	79.8	100.0	80.2	100.0	79.9	100.0	79.3
Virginia	58.9	14.2	61.8	18.5	66.0	19.8	64.4	14.1
Washington	95.0	36.0	NA	30.7	NA	NA	74.3	37.1
West Virginia	37.4	18.7	44.5	14.4	51.0	14.2	45.8	NA
Wisconsin	74.9	19.2	78.9	23.6	78.5	21.5	78.4	23.2
Wyoming	92.1	NA	89.4	2.9	91.4	2.0	83.0	1.8
Total	**60.2**	**16.1**	**65.4**	**R20.0**	**65.7**	**R20.2**	**67.0**	**20.2**

See footnotes at end of table.

Table 25

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.9	R14.6	72.3	R13.9	71.1	R14.0	72.1	R11.5
Alaska	66.1	89.7	63.9	99.4	64.6	99.3	62.1	94.9
Arizona	93.1	55.6	96.0	63.8	94.1	64.2	94.5	63.0
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	62.9	3.1	68.3	5.1	63.5	5.3	64.0	5.2
Colorado	99.9	R11.8	100.0	0.2	100.0	0.5	100.0	0.6
Connecticut	NA	56.6	NA	50.2	NA	60.2	71.2	75.6
Delaware	98.5	16.5	98.1	16.7	98.0	15.3	98.4	12.1
District of Columbia	25.8	—	25.5	—	22.5	—	21.4	—
Florida	50.5	2.2	44.5	3.0	40.7	2.3	40.7	1.9
Georgia	11.0	5.8	7.3	6.0	10.5	6.1	7.4	5.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	80.7	2.2	79.4	2.4	76.0	1.9	69.3	1.6
Illinois	NA	NA	NA	NA	36.0	9.8	36.0	8.0
Indiana	NA	NA	81.3	9.1	72.1	5.9	68.9	7.4
Iowa	NA	NA	NA	NA	75.9	9.5	71.7	6.9
Kansas	60.5	7.7	54.7	3.6	46.7	6.6	48.0	6.4
Kentucky	80.1	15.9	75.0	14.4	79.1	13.8	73.5	16.5
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	100.0	44.7	100.0	7.6	100.0	20.1	100.0	32.9
Maryland	R38.7	NA	R39.8	NA	36.6	R5.5	37.6	NA
Massachusetts	NA	NA	NA	NA	50.7	28.8	42.1	18.0
Michigan	63.3	8.6	68.3	11.6	61.7	9.3	57.2	7.0
Minnesota	98.2	40.6	95.6	39.6	98.0	32.2	98.5	50.4
Mississippi	NA	NA	95.1	28.3	NA	NA	95.8	20.4
Missouri	80.3	15.3	77.6	31.3	71.0	11.6	67.9	9.3
Montana	76.8	2.2	81.5	3.0	75.4	1.9	75.0	1.2
Nebraska	61.4	16.6	55.2	16.7	59.0	10.6	69.3	17.7
Nevada	73.2	7.8	88.9	77.6	85.2	45.9	82.9	39.3
New Hampshire	R84.7	R32.0	R80.9	R41.3	R81.8	56.5	51.6	32.2
New Jersey	59.0	43.8	58.7	21.1	56.1	15.6	53.2	16.8
New Mexico	66.3	17.3	76.1	11.4	87.7	10.8	61.4	9.7
New York	50.0	NA	47.5	NA	44.2	NA	30.3	10.3
North Carolina	93.3	28.7	89.2	27.9	87.5	20.3	84.8	14.3
North Dakota	90.2	9.9	93.2	18.0	90.9	13.5	89.2	12.2
Ohio	40.8	3.3	39.5	3.0	41.0	2.5	36.7	2.3
Oklahoma	NA	3.4	R77.1	3.7	R62.7	3.4	R56.7	2.1
Oregon	NA	15.1	NA	21.7	100.0	20.8	100.0	13.1
Pennsylvania	62.8	8.5	61.4	6.7	59.2	5.9	55.4	7.3
Rhode Island	58.0	2.9	52.4	100.0	49.4	100.0	41.9	100.0
South Carolina	96.6	79.9	96.2	81.3	95.8	79.2	92.1	76.2
South Dakota	NA	25.9	NA	43.1	82.0	43.3	80.2	29.4
Tennessee	91.8	19.8	91.5	21.1	88.4	18.2	85.5	15.5
Texas	R55.3	33.4	R88.0	38.8	R84.7	37.5	R64.6	44.9
Utah	84.6	10.5	86.2	94.0	83.2	94.1	80.7	94.8
Vermont	100.0	76.0	100.0	79.2	100.0	76.2	100.0	73.7
Virginia	67.5	NA	65.5	9.2	60.1	NA	61.3	NA
Washington	NA	NA	97.3	45.7	NA	31.5	NA	NA
West Virginia	60.9	15.4	37.1	64.3	67.8	29.5	32.8	9.6
Wisconsin	76.3	18.9	83.6	21.9	75.8	18.9	73.0	15.0
Wyoming	86.0	4.1	96.0	2.7	64.8	3.2	85.5	3.4
Total	**R64.6**	**R16.8**	**R67.4**	**R19.6**	**R64.8**	**18.3**	**R60.2**	**R19.5**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	September		August		July		June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	70.8	R13.5	71.8	R13.8	71.7	R13.3	70.7	R13.3
Alaska	68.9	94.4	71.6	89.8	70.6	90.6	73.2	92.8
Arizona	93.4	54.9	91.6	45.8	92.8	65.5	93.9	56.8
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	60.8	4.1	60.6	4.3	60.1	4.2	66.5	5.0
Colorado	100.0	2.3	100.0	3.7	100.0	3.9	100.0	1.0
Connecticut	NA	60.4	71.6	63.5	77.8	37.6	83.8	46.8
Delaware	98.8	14.6	98.5	12.0	100.0	15.2	98.4	20.9
District of Columbia	19.2	—	27.1	—	19.0	—	21.3	—
Florida	41.7	1.7	45.5	2.3	46.3	1.4	49.5	4.6
Georgia	9.9	5.5	12.0	5.2	11.0	5.5	13.3	6.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	75.9	1.6	61.9	1.9	61.6	1.6	64.3	1.7
Illinois	30.9	7.3	27.5	5.6	30.0	5.4	29.0	6.2
Indiana	NA	NA	NA	0.8	NA	NA	NA	3.3
Iowa	60.1	4.4	81.7	4.4	NA	NA	71.5	2.7
Kansas	53.5	14.0	50.3	18.8	52.0	15.6	52.9	7.9
Kentucky	71.6	14.6	75.0	14.6	71.5	14.6	63.9	13.3
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	100.0	19.1	100.0	41.5	100.0	50.8	100.0	46.2
Maryland	R24.6	R5.3	28.6	R5.3	28.2	R8.3	28.2	R3.8
Massachusetts	45.1	17.8	45.5	9.9	49.0	13.5	45.7	19.6
Michigan	49.2	5.8	40.1	5.6	41.6	5.0	48.3	5.1
Minnesota	98.7	36.5	97.6	44.4	98.8	38.8	99.4	38.8
Mississippi	NA	28.0	93.6	29.4	93.4	25.9	93.9	31.9
Missouri	67.2	9.0	65.4	7.3	67.9	8.9	69.8	9.5
Montana	67.7	1.0	69.8	0.1	68.6	0.9	69.0	1.9
Nebraska	58.1	11.8	61.3	11.4	60.6	7.3	56.1	14.9
Nevada	71.1	33.4	70.4	36.7	82.0	36.5	54.8	11.8
New Hampshire	52.6	31.6	45.6	21.3	84.0	10.0	88.6	13.4
New Jersey	45.5	20.5	46.0	15.5	47.5	18.6	47.3	19.5
New Mexico	63.6	12.3	64.4	11.7	62.4	3.8	60.1	5.3
New York	21.0	NA	22.9	17.5	22.3	17.1	55.1	18.9
North Carolina	86.9	19.9	86.1	17.9	87.1	21.3	88.3	25.3
North Dakota	84.5	8.1	84.1	4.8	83.8	1.1	82.0	5.6
Ohio	24.8	0.5	27.2	2.1	26.9	0.7	28.0	1.5
Oklahoma	R50.7	2.6	R49.2	2.5	R44.0	1.5	R59.8	2.0
Oregon	100.0	23.7	99.8	27.1	90.9	26.5	99.7	21.0
Pennsylvania	52.9	6.5	54.5	6.0	57.4	6.4	58.3	4.0
Rhode Island	47.3	100.0	46.2	100.0	44.1	100.0	52.6	100.0
South Carolina	93.6	77.5	95.8	77.8	94.9	77.9	96.0	77.4
South Dakota	75.6	17.2	75.3	15.5	NA	14.1	78.2	18.6
Tennessee	86.3	18.7	82.8	17.5	85.4	17.6	87.5	20.0
Texas	R63.7	45.1	58.4	42.3	47.8	43.0	49.7	22.3
Utah	78.3	94.8	76.5	95.3	76.4	95.6	76.9	95.5
Vermont	100.0	71.0	100.0	68.1	100.0	66.3	100.0	68.4
Virginia	54.8	10.1	51.6	8.1	50.0	3.6	59.5	16.3
Washington	97.4	34.6	97.1	34.8	97.7	7.9	97.7	30.7
West Virginia	48.7	6.7	49.2	10.1	52.4	8.8	44.5	8.3
Wisconsin	60.2	10.3	56.6	11.7	68.8	11.6	67.8	10.5
Wyoming	89.6	2.9	79.2	2.9	84.4	2.6	97.2	3.3
Total	**R54.9**	**R19.4**	**55.1**	**R18.4**	**R54.6**	**R18.8**	**R61.7**	**13.0**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	73.3	R10.0	80.6	R12.0	77.3	R11.8	84.3	R14.5
Alaska	65.6	97.2	65.7	99.7	67.9	99.6	64.6	99.6
Arizona	92.7	53.9	89.3	51.4	95.7	50.8	91.5	52.5
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	63.0	5.8	52.2	6.7	64.6	8.5	66.8	8.5
Colorado	100.0	0.8	100.0	0.2	99.8	0.1	100.0	0.1
Connecticut	77.5	61.3	73.1	52.8	77.8	53.5	74.4	51.2
Delaware	98.5	15.2	98.7	13.4	98.5	20.4	98.7	29.7
District of Columbia	23.9	—	24.1	—	28.8	—	28.2	—
Florida	53.4	4.2	57.7	3.5	56.3	2.8	59.2	3.7
Georgia	13.3	6.2	15.4	5.6	9.1	6.7	13.5	8.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	69.5	2.1	86.4	2.1	88.6	2.5	90.3	3.2
Illinois	33.6	6.6	40.4	8.2	42.6	10.8	43.7	13.6
Indiana	NA	3.8	78.9	6.3	NA	6.5	NA	13.3
Iowa	69.7	6.0	77.2	4.7	83.2	6.3	84.9	8.8
Kansas	55.4	6.4	67.1	2.4	64.8	2.6	63.8	2.4
Kentucky	73.6	15.0	75.6	11.6	82.7	16.4	84.0	18.9
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	100.0	38.2	100.0	91.0	100.0	93.6	100.0	98.4
Maryland	30.4	R5.7	35.2	R6.1	46.2	R8.2	45.4	R9.7
Massachusetts	48.7	22.7	61.8	25.2	63.9	42.5	63.4	34.6
Michigan	57.8	8.3	62.6	12.5	68.2	14.4	68.8	16.2
Minnesota	97.6	35.3	98.6	41.4	99.4	48.0	98.7	53.0
Mississippi	92.5	24.3	95.1	31.8	95.7	25.3	87.3	35.1
Missouri	71.6	10.4	82.6	13.5	83.5	18.0	85.6	15.7
Montana	68.7	2.3	75.1	2.6	61.8	2.8	88.2	3.1
Nebraska	51.4	17.6	53.7	18.7	60.7	27.5	61.8	26.8
Nevada	58.0	12.0	64.2	18.1	65.3	15.4	73.5	23.1
New Hampshire	82.5	21.4	92.1	60.2	90.4	30.9	91.9	35.8
New Jersey	50.9	21.2	60.4	21.9	62.0	27.5	65.6	26.3
New Mexico	60.6	5.5	48.5	47.9	66.4	31.2	68.0	27.4
New York	56.2	20.9	65.0	17.6	66.5	21.1	69.2	25.0
North Carolina	93.5	28.6	96.1	30.0	96.9	28.5	98.2	31.0
North Dakota	85.8	5.9	88.9	8.3	89.4	16.8	92.2	13.9
Ohio	27.2	1.7	40.5	2.8	43.9	4.7	42.9	4.4
Oklahoma	R61.9	1.8	R72.4	3.2	NA	4.3	NA	4.9
Oregon	99.2	20.8	99.4	20.5	100.0	18.9	100.0	17.3
Pennsylvania	58.5	6.2	62.3	8.2	66.0	9.1	67.5	13.6
Rhode Island	60.2	100.0	63.9	100.0	62.5	100.0	64.9	100.0
South Carolina	96.5	76.5	97.4	81.5	96.8	81.4	98.3	86.5
South Dakota	83.9	14.1	84.1	21.7	86.7	27.3	85.1	34.3
Tennessee	88.2	18.1	92.8	18.0	92.8	22.3	95.0	22.8
Texas	31.7	21.3	51.5	19.4	50.4	21.3	48.3	22.8
Utah	80.0	94.8	84.6	92.2	85.7	94.0	87.6	94.2
Vermont	100.0	69.2	100.0	79.4	100.0	79.7	100.0	80.4
Virginia	57.0	8.8	68.1	12.4	77.9	14.3	79.8	16.7
Washington	89.9	30.9	96.0	33.5	94.8	38.9	94.9	37.0
West Virginia	52.6	9.2	72.7	9.7	76.9	7.3	80.1	6.9
Wisconsin	66.2	11.8	75.5	17.3	73.8	25.1	81.1	25.4
Wyoming	93.6	2.8	92.1	4.8	89.4	5.3	91.6	5.7
Total	**R57.1**	**12.9**	**R64.8**	**13.8**	**67.2**	**R15.0**	**68.8**	**R15.6**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001		2000					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	85.8	[R]15.1	81.2	22.5	83.6	27.5	73.7	24.9
Alaska	65.3	99.6	59.2	99.8	60.4	99.6	57.9	99.6
Arizona	91.6	44.7	83.7	38.0	89.8	36.9	82.9	46.0
Arkansas	[NA]	14.6	89.9	8.2	95.5	13.9	93.0	8.3
California	64.1	9.5	57.5	5.1	63.5	5.8	56.4	5.2
Colorado	99.9	0.1	97.4	12.1	96.1	10.6	95.7	12.2
Connecticut	76.5	68.4	78.4	46.0	78.9	48.4	75.7	53.9
Delaware	98.4	11.1	98.0	8.1	97.5	9.0	97.5	11.7
District of Columbia	32.5	—	35.6	—	32.7	—	27.2	—
Florida	60.7	4.7	67.5	4.4	67.5	4.1	63.1	3.4
Georgia	12.0	9.9	17.0	19.3	11.1	21.2	10.8	22.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	88.8	3.3	86.3	2.7	87.9	2.8	83.2	2.3
Illinois	46.6	13.4	41.9	8.7	43.5	13.2	45.2	10.9
Indiana	[NA]	14.2	78.0	9.8	83.0	16.2	79.3	15.6
Iowa	92.6	8.0	81.1	7.0	84.2	11.9	82.2	8.2
Kansas	68.1	2.5	58.3	10.3	60.1	2.7	44.7	3.6
Kentucky	88.0	23.7	85.6	19.1	84.2	22.5	87.2	17.5
Louisiana	[NA]	[NA]	96.3	11.0	95.3	10.9	94.5	10.8
Maine	100.0	94.1	100.0	43.5	100.0	16.4	100.0	23.5
Maryland	44.6	[R]13.2	39.2	5.3	50.4	6.4	42.1	2.8
Massachusetts	67.4	34.6	63.1	13.5	67.9	18.4	61.4	14.9
Michigan	68.4	17.6	58.6	7.8	67.8	12.5	60.0	8.1
Minnesota	98.0	28.0	97.3	40.0	98.3	46.3	97.5	44.7
Mississippi	96.6	29.0	95.5	27.1	96.2	29.9	94.8	28.3
Missouri	89.4	23.7	80.1	17.1	84.4	25.4	73.3	14.0
Montana	76.3	3.0	73.5	1.9	81.7	3.1	78.3	2.1
Nebraska	78.2	23.1	60.5	13.8	53.8	18.5	70.2	18.6
Nevada	73.8	30.0	54.7	4.4	74.7	4.9	53.7	4.0
New Hampshire	90.3	30.7	86.4	34.8	80.6	31.7	83.6	23.7
New Jersey	65.4	29.2	56.9	44.4	56.1	44.6	62.2	41.1
New Mexico	67.9	22.4	61.4	18.9	71.9	15.7	74.0	20.6
New York	67.7	15.1	36.0	3.4	37.8	3.7	34.9	3.4
North Carolina	98.8	38.3	96.5	52.5	96.8	41.4	89.8	28.5
North Dakota	92.3	15.3	89.3	16.1	92.8	25.3	91.7	19.7
Ohio	50.3	6.1	45.0	5.5	49.6	8.3	42.3	7.5
Oklahoma	[NA]	8.2	72.3	4.1	82.8	7.9	72.7	4.1
Oregon	100.0	27.5	98.8	13.0	98.8	20.3	98.8	14.6
Pennsylvania	67.7	14.4	60.5	11.6	66.3	16.0	62.0	12.6
Rhode Island	64.4	100.0	53.3	5.9	55.0	3.3	45.8	6.4
South Carolina	99.0	91.1	98.7	86.5	98.6	85.7	96.1	82.7
South Dakota	88.3	43.5	83.1	28.3	89.6	42.4	83.2	24.1
Tennessee	95.8	26.8	92.5	38.4	94.6	35.6	92.5	37.6
Texas	56.0	23.6	76.3	30.1	77.8	34.0	72.2	36.4
Utah	88.4	94.9	83.9	10.0	87.0	10.0	85.6	10.0
Vermont	100.0	96.0	100.0	83.8	100.0	93.0	100.0	83.9
Virginia	75.3	19.3	66.4	13.4	74.1	8.7	69.5	19.1
Washington	95.1	39.7	92.7	27.1	95.4	27.1	76.8	29.1
West Virginia	76.9	6.5	56.6	7.6	75.2	11.7	58.7	11.1
Wisconsin	81.7	24.1	78.1	22.4	82.4	32.9	78.4	25.3
Wyoming	79.3	5.2	90.0	2.9	96.8	3.0	84.2	2.6
Total	**70.6**	**16.2**	**62.9**	**18.1**	**67.5**	**20.4**	**63.0**	**19.8**

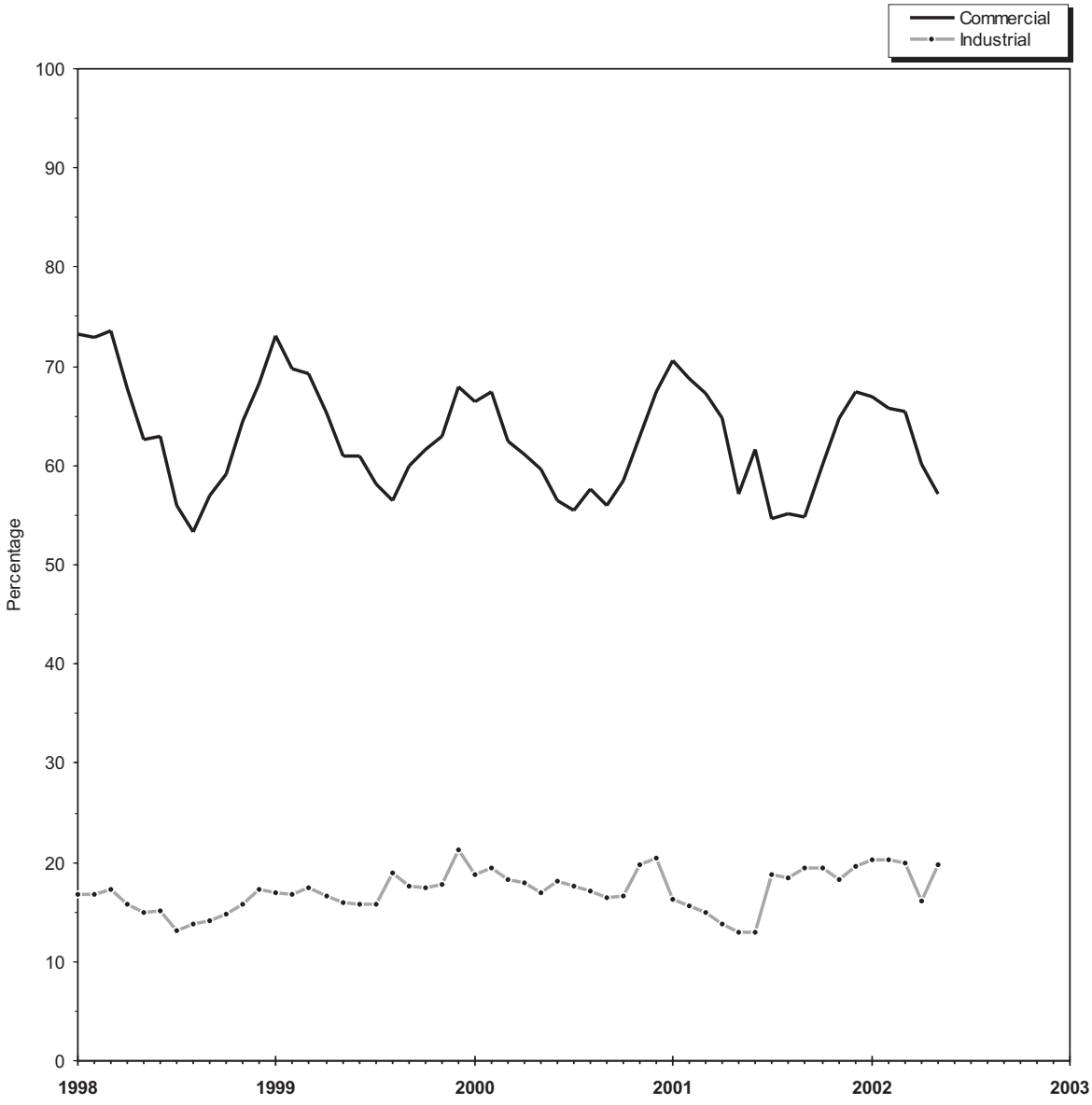
[R] Revised Data.
[NA] Not Available.
— Not Applicable.

Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating commercial and industrial price data which are based on sales data only. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Figure 6

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1998-2002



Source: Table 25.

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (*NGM*). The information in this Appendix is provided to assist users in evaluating the monthly data. There is a brief description of what data are estimated and what data are taken from submitted reports, followed by ten technical notes that provide important information for individual data series.

The monthly data are preliminary when initially published. Data shown in this report for the most current months are taken from the EIA Short-Term Integrated Forecasting System (STIFS) model computations. Each month, EIA staff review the STIFS model estimates and adjust them, if necessary, based on their knowledge of new developments in the natural gas industry. Data for prior months are estimated or taken from submitted reports.

For data that are not taken from STIFS computations, Table A1 lists the methodologies for deriving the monthly data to be published.

The STIFS model contains a series of calculations that produce forecasts for all of the energy industry. It is driven primarily by three sets of inputs or assumptions: estimates of key macroeconomic variables, world oil price assumptions, and assumptions about the severity of weather. The natural gas estimates also reflect other key inputs or assumptions including gas wellhead prices, electric power generation by other

Table A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Reported on Form EIA-895 and estimated from historical data
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Estimated from historical month-to-month percent changes
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from reports to the sample survey Form EIA-857
Commercial	Estimated from reports to the sample survey Form EIA-857
Industrial	Estimated from reports to the sample survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

energy sources, and U.S. gas import capacity. The macroeconomic variable estimates are produced by DRI/McGraw-Hill but are adjusted by EIA to reflect EIA assumptions about the world price of oil, energy product prices, and other assumptions which may affect the macroeconomic outlook. The EIA publishes forecasts for the energy industry each quarter in the Short-Term Energy Outlook.

For production, total supply and disposition, and storage data (Tables l, 2, and 9), the most current two months shown are estimates produced from STIFS computations, and data that are two months or more prior to the date of publication are estimated or taken from submitted reports. For example, in the March issue of the *NGM*, February and March data are taken from the STIFS model computations while January and prior months data are estimated from available data sources or reported directly on EIA forms. For consumption data by sector (Table 3), the most current three months shown are estimates produced from STIFS computations while data that are three months prior to date of publication are taken from EIA forms.

Note 1. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production-carbon dioxide, helium, hydrogen sulfide, and nitrogen -are reported by State agencies on the voluntary Form EIA-895. Eleven of the 32 producing States reported data on nonhydrocarbon gases removed during 2000. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. States reporting monthly data on nonhydrocarbon gases removed are estimated based on annual data reported on Form EIA-895. States' nonhydrocarbon gases as an annual percentage of gross withdrawals reported is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

Beginning with report year 1990, States filing the Form EIA-627, "Annual Quantity and Value of Natural Gas Report," were asked to supply monthly breakdowns of all data previously reported on an annual basis. The sums of the reported figures were used to calculate monthly volumes. In 1997 the Form EIA-627 was discontinued. States were requested to file an annual schedule on the monthly Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-895 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-895 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-895 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-895 for the previous year. State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the EIA-895. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-895 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Form EIA-895 and the MMS. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated.

Final Monthly Data

Final monthly data are the sums of monthly data reported on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," annual schedule.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are published from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports, which requires data to be reported each quarter by month for the calendar year.

Preliminary Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports, informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

All consumption data except electric utility data are from the Form EIA-857 and Form EIA-176. No adjustments are made to the data. Electric utility data are reported on Form EIA-759.

Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual*.

Total Consumption

Preliminary Monthly Data

The most current month estimate is calculated based on the arithmetic average change from the previous month for the previous 3 years. The following month this estimate is revised by summing the components (pipeline fuel, lease and plant fuel, and deliveries to consumers).

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly total consumption is obtained by summing its components.

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

Preliminary monthly residential, commercial, and industrial data are from Form EIA-857. See Appendix C, "Statistical Considerations," for a detailed explanation off sample selection and estimation procedures.

Average Price of Deliveries to Consumers

Price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers. These prices do not reflect average prices of natural gas transported to consumers for the account of third parties or "spot-market" prices.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Agricultural Use

Beginning with the reporting of 1996 annual data, the EIA changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. In 1995 and earlier years, consumption of natural gas for agricultural use was classified as commercial use. Separate reports of the volumes affected are not available so the direct impact of this change is not known. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops.

In comparing sectoral use over time, note that:

- There is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector.
- The sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification of the instructions.

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

Preliminary data are estimated based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's total consumption figure to compute the monthly estimate.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month's marketed production figure to compute estimated lease and plant fuel consumption.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly plant fuel data are based on a revised annual ratio of lease and plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-627 and estimates from the Form EIA-176. See the *Natural Gas Annual* for a complete discussion of this process.

Note 6. Extraction Loss

Annual Data

Extraction loss data are calculated from filings of Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." For a fuller discussion, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 7. Natural Gas Storage

Underground Natural Gas Storage

All monthly data concerning underground storage are published from the EIA-191. A new EIA-191 became effective in January 1994. Injection and withdrawal data from the EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the *Natural Gas Annual*.

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Types of Underground Storage Facilities

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted reservoir fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 8. Average Wellhead Value

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States which were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

Preliminary Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures closing price for near-month delivery at the Henry Hub, and prevailing cash market prices (spot prices) at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is reported in the trade publication, *Gas Daily* (published by Financial Times Energy). The spot prices are published in another trade publication, *Natural Gas Week* (Energy Intelligence Group), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs. Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through the present. A statistical procedure was adopted beginning with publication of the February 1999 issue of the *Natural Gas Monthly*. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final Monthly Data

The Form EIA-895 requests State agencies to report monthly values of marketed production. Preliminary monthly gas price data are replaced by these final monthly data.

Note 9. Balancing Item

The "balancing item" category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

Annual data are from the *Natural Gas Annual*. For an explanation of the methodology involved in calculating annual "balancing item" data, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary monthly data in the "balancing item" category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total supply / disposition.

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the *Natural Gas Monthly* is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC. Data are collected from two annual surveys and five monthly surveys.

The annual report is the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines.

The monthly reports include two surveys of the natural gas industry, two surveys of the electric utility industry, and a voluntary survey completed by energy or conservation agencies in the gas producing States. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, and the Form EIA-857 is filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil-fueled plants. Responses to these four monthly surveys are mandatory.

A description of the survey respondents, reporting requirements, and processing and editing of the data is given on the following pages for each of the surveys.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

Survey Design

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement. Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden. The 1982 version of the Form EIA-176 continues to be the basis for the current version of this form.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others.

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

Upon the Office of Management and Budget's approval in 1993, the Form EIA-176 was again revised. All deliveries to consumers were categorized as firm or interruptible. Commercial and industrial consumers were categorized as nonutility power producers or as those excluding nonutility power producers.

Approval of the Form EIA-176 for use through 1999 was received in 1996 from OMB. The form was modified as outlined in the "Change in Definition of Consumption Sector" below.

After being approved by the OMB in 1999, the Form EIA-176 was revised to: (1) change the filing date from April 1 following the end of the report year to March 1 following the end of the report year, (2) remove the requirement to distinguish between firm and interruptible deliveries to consumers; and (3) remove the requirement to distinguish between gas volumes delivered to commercial and industrial consumers having nonutility generation of electricity from those not generating electricity.

Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Survey Universe and Response Statistics

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies, investor and municipally owned natural gas distributors, underground natural gas storage operators, synthetic natural gas plant operators, and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) and/or that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 2000 for report year 1999 totaled 1,872 questionnaire packages. To this original mailing, 8 names were added and 18 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,847 responses from approximately 1,400 companies.

Following the original mailing, second request mailing, and nonrespondents follow-up, 1,826 responses were entered into the data base, and there were 21 nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multi-line schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year were due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Routine Form EIA-176 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-176. The edits performed include validity, arithmetic, and analytical checks.

The incoming forms are reviewed prior to keying. This prescan determines if the respondent identification (ID) number and the company name and address are correct, if the data on the form appear complete and reasonable, and if the certifying information is complete.

Manual checks on the data are also made. Each form is prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines is checked at the company level to ensure that each delivery from a State is matched with a corresponding receipt in an adjoining State.

After the data are keyed, computer edit procedures are performed. Edit programs verify the report year, State code, and arithmetic totals. Further tests are made to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. The computerized edit system produces error listings with messages for each failed edit test. When problems occur, respondents are contacted by telephone and required to file amended forms with corrected data.

Other EIA Publications Referencing Form EIA-176

Data from Form EIA-176 are also published in the *Natural Gas Annual*.

Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"

Survey Design

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from the appropriate State agencies were collected on the Form EIA-627, "Annual Quantity and Value of Natural Gas Report." This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators. In 1993, value and associated volume of marketed production by month were added to the EIA-627. In 1996, the Form EIA-627 was discontinued. The information is collected on an annual schedule on the Form EIA-895.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In 1994, the Interstate Oil and Gas Compact Commission (IOGCC) decided to discontinue collection of their form. Data collection on the Form

EIA-895, "Monthly Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the IOGCC form, "Monthly Report of Natural Gas Production." All gas producing States are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace the Form EIA-627. Data are reported by State agencies. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Survey Universe and Response Statistics

Form EIA-895 is mailed to energy or conservation agencies in all 33 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. EIA-895 survey by filing the completed form or by responding to telephone contacts.

Reports on State production are due 20 days after the end of the report month. (In most cases, the data are not available to the States until after this time period. Therefore, States are requested to send the report within 80 days after the end of the report month.) The annual schedule of the Form EIA-895 is due with the December data report.

Of the 32 natural gas producing states, all participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data on the quantities of nonhydrocarbon gases removed in 2000 were reported by the appropriate agencies of 11 of the 32 producing States. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

The commercial recovery of methane from coalbeds contribute a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (112,393), Colorado (413,290), New Mexico (583,581), and Wyoming (151,449).

Summary of Data Reporting Requirements

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is the annual schedule which collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

Respondents are asked to report all volumes in thousand cubic feet at the State's standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Routine Form EIA-895 Edit Checks

Each filing of Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported. Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Reasonableness of data is assessed by comparing reported data to the previous year's data. State agencies are contacted by telephone to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

Other EIA Publications Referencing Form EIA-895

Data from Form EIA-895 are also published in the EIA publication, *Natural Gas Annual.*

EIA-191 Survey, "Underground Natural Gas Storage Report"

Survey Design

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," was revised effective January 1994. Among the changes from the form used from 1991 through 1993 is a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas were collected on a survey jointly implemented in 1975 by the Federal Power Commission (FPC), the Federal Energy Administration (FEA), and the Bureau of Mines (BOM) as the FPC-8 / FEA-G-318 system. The data received on both the FPC-8 and FEA-G-318 were computerized and aggregated by

FPC. The form was previously revised in 1991 to include storage data by State, field, and reservoir.

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. In September 1995, the FERC discontinued the reporting requirements of Form FERC-8. FERC jurisdictional firms continue to file Form EIA-191.

Survey Universe and Response Statistics

The 140 companies that operate underground facilities file the Form EIA-191. The response rate as of the filing deadline is approximately 20 percent. Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. Prior month's data are required only when data are revised. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are reflected in the prior month section of the monthly form. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

Routine Form EIA-191 Edit Checks

Data received on Form EIA-191 are entered into the survey processing system. The survey's five principal data elements (total, base, working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to re-file reports containing any inconsistencies or errors.

Other EIA Publications Referencing Form EIA-191

The EIA publication *Monthly Energy Review* and *Winter Fuels Report* contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). From 1979 to 1994, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

Beginning in 1995, import and export data are taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas.

Survey Universe and Response Statistics

All companies are required, as a condition of their authorizations to import or export natural gas, to file quarterly reports with the Office of Fossil Energy. These data are collected as part of its regulatory responsibilities. The data are reported at a monthly level of detail.

Routine Edit Checks

Respondents are required to certify the accuracy of all data reported. The data are checked for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are compared with data reported by the National Energy Board of Canada and are published quarterly. All natural gas

volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All import and export prices are in U.S. dollars and, except for LNG exports, are those paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"

Survey Design

The original Form EIA-857 was approved for use in December 1984. Response to the Form EIA-857 is mandatory on a monthly basis. Data collected on the Form EIA-857 cover the 50 States and the District of Columbia and include both price and volume data. Data are considered proprietary.

Survey Universe and Response Statistics

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 95 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries and prices of natural gas to electric utilities are reported on the Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and the Form EIA-759, "Monthly Power Plant Report.") See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

Routine Form EIA-857 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-857. The edits performed include validity and analytical checks.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." (See Appendix B for a description of this Form.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to electric utilities are reported on the Form EIA-906, "Power Plant Report," Form EIA-759, "Monthly Power Plant Report," and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,449 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2000 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2000. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 395 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 17 States and the District of Columbia where sampling was not feasible due to small numbers of companies and / or small volumes of gas deliveries, all companies were selected. The 17 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, Michigan, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential / commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential / commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential / commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C.j) were included in the certainty stratum. The formula for C.j was:

$$C_{.j} = \frac{X_{.j}}{2n} \qquad (1)$$

Where:

$C_{.j}$ = cutoff value for consumer sector j,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$ = the sum within State of annual gas volumes for company i,

$X_{.j}$ = the sum within State of annual gas volumes in consumer sector j,

$X..$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors (Xi.). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n\frac{X2}{X..} \qquad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

$X2$ = the sum within State of the Xi. for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X2}{m}\right)I$. The first sampled company was the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than R + I. R + I was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In five States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X2 was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

California: companies delivering gas to residential consumers and those who do not deliver to residential consumers.

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial —in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (Evj) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \qquad (3)$$

where:

$\gamma_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_{.j}$ = the sum within State of annual gas volumes in consumer sector *j* for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{.j} = {}_{y.j} \times E_{vj} \qquad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector *j*,

y_j = the sum within State of reported monthly gas volumes in consumer sector *j*.

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j'}$$

where:

P_j = the average price for gas sales within the State in consumer sector j,

R_j = the reported revenue from natural gas sales within the State in consumer sector *j*,

V_j = the reported volume of natural gas sales within the State in consumer sector *j*.

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas are based on sales data only. Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices.

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas sales for nonrespondents was:

Where:

$$F_t = F_{t-1} \times \frac{y_{.jt}}{y_{.jt-1}} \qquad (5)$$

F_t = imputed gas volume for current month t,

F_{t-1} = gas volume for the company for the previous month,

$y_{.jt}$ = gas volume reported by companies in the State stratum for report month t,

$y_{.j\,t-1}$ = gas volume in the previous month for companies in the State stratum that reported in month t.

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *Natural Gas Monthly*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V^*_{jm} = V_{jm} + \left[(V_{ja} - V'_{jm}) \left(\frac{V_{jm}}{V'_{jm}} \right) \right] \qquad (6)$$

where:

V^*_{jm} = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = The annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R^{*}_{jm} = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \qquad (7)$$

where:

R^{*}_{jm} = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^{H} \left[N_h^2 \frac{\left(1 - \frac{n_h}{N_h}\right)}{n_h (n_h - 1)} \left(\sum_{i=1} (y_i - T x_i)^2 \right) \right] \qquad (8)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company I

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, May 2002

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	60	251	3,521	3,531	0.96	1.56	3.28
Alaska	0	NA	0	NA	—	NA	—
Arizona	0	0	0	0	—	—	—
Arkansas	NA	NA	314	NA	NA	NA	0.68
California	167	437	1,262	1,346	0.06	0.08	0.05
Colorado	1,213	732	630	1,551	0.50	0.35	1.15
Connecticut	0	0	0	0	—	—	—
Delaware	0	NA	0	NA	—	NA	—
District of Columbia	0	0	0	0	—	—	—
Florida	302	323	1,073	1,161	1.72	0.81	0.43
Georgia	301	73	8,869	8,875	0.73	0.95	13.54
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	907	1,950	3,225	3,877	0.30	0.66	0.21
Indiana	196	112	3,245	3,253	0.24	0.13	0.61
Iowa	10	33	96	102	0.01	0.13	0.57
Kansas	585	3,315	13,128	13,553	1.41	1.08	5.04
Kentucky	0	0	0	0	—	—	—
Louisiana	NA	NA	NA	NA	NA	NA	NA
Maine	0	NA	NA	NA	—	NA	NA
Maryland	0	0	0	0	—	—	—
Massachusetts	218	34	1,542	1,558	0.42	0.11	0.71
Michigan	89	29	146	174	0.02	0.02	0.04
Minnesota	0	0	0	0	—	—	—
Mississippi	43	11	486	489	0.79	0.72	0.28
Missouri	211	121	230	334	0.35	0.44	1.51
Montana	1	5	0	6	0.04	0.06	—
Nebraska	87	41	183	207	0.26	0.04	0.07
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	391	51	270	478	0.17	0.09	1.21
New York	390	248	506	685	0.04	0.02	0.12
North Carolina	7	22	430	430	0.15	0.15	0.62
North Dakota	0	0	0	0	—	—	—
Ohio	1,191	202	551	1,328	0.80	0.17	0.12
Oklahoma	NA	823	296	NA	NA	0.40	1.07
Oregon	0	0	0	0	—	—	—
Pennsylvania	670	632	4,137	4,238	0.82	0.18	0.04
Rhode Island	0	0	0	0	—	—	—
South Carolina	107	82	553	569	0.59	0.39	0.05
South Dakota	0	0	0	0	—	—	—
Tennessee	164	216	2,797	2,810	0.23	0.44	1.66
Texas	1,108	634	5,580	5,724	0.70	0.37	0.30
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	60	203	167	269	0.26	0.33	1.43
Washington	0	0	0	0	—	—	—
West Virginia	327	615	706	992	1.21	0.66	1.46
Wisconsin	578	291	214	681	0.50	0.42	0.06
Wyoming	0	0	0	0	—	—	—
Total	**6,577**	**4,228**	**19,934**	**21,412**	**0.12**	**0.11**	**0.34**

NA Not Available.
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Javed Zaidi (202)586-8695
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Javed Zaidi (202)586-8695
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S.Department of Energy, "Natural Gas Import and Exports"	Javed Zaidi (202)586-8695
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sylvia Norris (202)586-6106
Electric Utility	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Quarterly Natural Gas Import and Export Sales and Price Report	Javed Zaidi (202)586-8695
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Underground Storage:	9,10,11, 12,13, 14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Utility, All Consumers	 15 16 17 18 19	 Monthly:	 Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	 Roy Kass (202)586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility	 20 21 22 23 24	 Monthly:	 Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	 Roy Kass (202)586-4790
Onsystem Sales	25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202)586-6077
Highlights				Mary Carlson (202)586-4749

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British Thermal Unit (Btu): The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depleted Reservoir Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly-owned, cooperatively-owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Electric Utility Consumption: Gas used as fuel in electric utility plants.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in

agriculture, forestry, and fisheries. Also included in industrial consumption are natural gas volumes used in the generation of electricity by other than regulated electric utilities.

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and / or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt "bed" or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and / or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.